

Converting Colors

XYZ(73.1108, 77.1855,
105.6526)

Have a look what the booklet for
XYZ(73.1108, 77.1855, 105.6526)
contains.

XYZ(73.2207, 77.2557, 105.6604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.2207, 77.2557,
105.6604)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E5FF
RGB	212, 229, 255
RGB Percent	83%, 90%, 100%
CMY	0.1686, 0.1019, 0.0000
CMYK	0.17, 0.10, 0.00, 0.00
HSL	216°, 100%, 92%
HSV	216°, 17%, 100%
XYZ	73.2207, 77.2557, 105.6604
YIQ	226.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

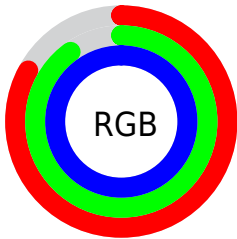
Format	Color
R_{YB}	212, 224, 255
Decimal	13952511
CIE Lab	90.44, -0.43, -14.49
CIE LCh	90, 14.498, 268.282
Yxy	77.2557, 0.2859, 0.3016
Android (android.graphics.Color)	4292142591 (0xFFD4E5FF)
YUV	226.8810, 13.8627, -13.0506
Hunter-Lab	87.8952, -5.1181, -9.7469

Details

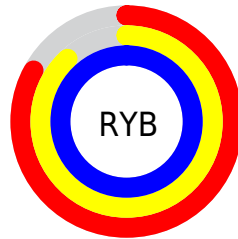
The XYZ color **73.2207, 77.2557, 105.6604** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.6978, 87.1613, 74.7015**, and the grayscale version is **72.8411, 76.6345, 83.4550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2337, 41.5174, 59.3719** is the 20% darker color. If you saturate the color by 10%, you get **62.3645, 65.6072, 103.9842**, and if you desaturate by 10%, it is **85.6208, 90.2665, 107.5182**.

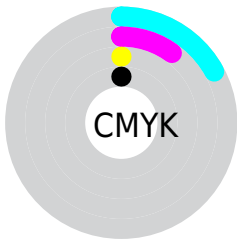
Distribution



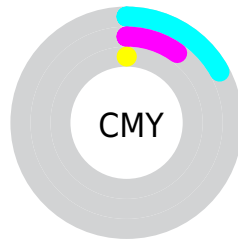
- Red (83%)
- Green (90%)
- Blue (100%)



- Red (83%)
- Yellow (88%)
- Blue (100%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2207, 77.2557, 105.6604 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.2207, 77.2557, 105.6604 by changing the saturation by 10% instead.

73.2207, 77.2557,
105.6604

73.2207, 77.2557,
105.6604

460.8713,
485.6354, 599.5930

54.4455, 57.4628,
80.3930

122.7919,
129.5004, 171.0338

39.1900, 41.3769,
59.5137

154.3186,
162.7209, 211.9769

27.0890, 28.6137,
42.6041

190.8265,
201.1860, 258.9823

17.7770, 18.7888,
29.2455

232.6809,
245.2803, 312.4686

10.8887, 11.5178,
19.0194

280.2473,
295.3879, 372.8543

6.0588, 6.4162,
11.5074

333.8909,

2.9219, 3.0998,

351.8934, 440.5578

6.2907

393.9771,
415.1811, 515.9979

■ 1.1126, 1.1840,
2.9510

■ 0.0356, 0.0486,
1.0697

■ 73.2207, 77.2557,
105.6604

■ 73.2207, 77.2557,
105.6604

■ 62.3645, 65.6072,
103.9842

■ 85.6208, 90.2665,
107.5182

■ 52.9818, 55.2641,
102.4823

95.0500, 100.0000,
108.9000

■ 45.0058, 46.1788,
101.1491

■ 38.3616, 38.2968,
99.9779

■ 32.9669, 31.5593,
98.9617

■ 28.7293, 25.9009,
98.0929

■ 25.5416, 21.2480,
97.3628

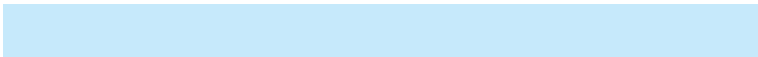
■ 23.2705, 17.5123,
96.7615

■ 22.6876, 16.4952,
96.5959

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8299, 77.2557, 102.2420



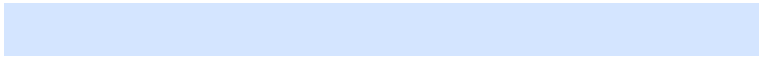
73.2207, 77.2557, 105.6604



76.7771, 77.2557, 102.9243

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2207, 77.2557, 105.6604



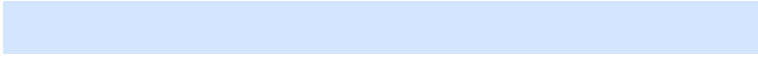
79.7315, 77.2557, 75.0216



67.6655, 77.2557, 74.0664

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.2207, 77.2557, 105.6604



83.6978, 87.1613, 74.7015

Split Complementary

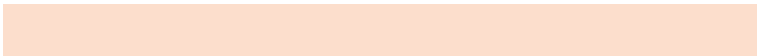
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1801, 77.2557, 67.7551



73.2207, 77.2557, 105.6604



77.1501, 77.2557, 68.2739

Square

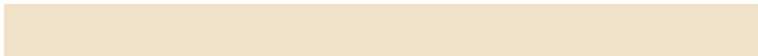
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2207, 77.2557, 105.6604



80.6093, 77.2557, 84.7175



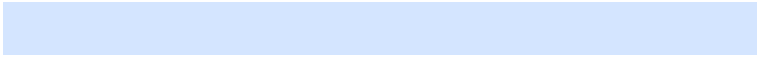
73.6381, 77.2557, 65.7233



66.6887, 77.2557, 83.5220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2207, 77.2557, 105.6604



78.7487, 77.2557, 98.0948



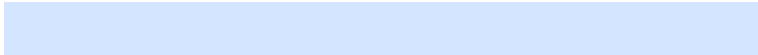
73.6381, 77.2557, 65.7233



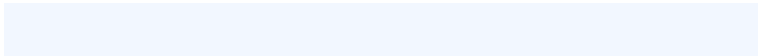
68.3549, 77.2557, 71.5367

Sweetspot

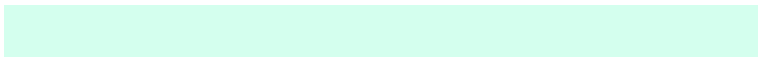
The Sweet Spot groups the original color and five complimentary colors.



73.2228, 77.2588, 105.6609



88.1039, 92.8416, 107.8844



78.3155, 91.6788, 94.3038



18.6558, 19.6627, 23.0620



0.0000, 0.0000, 0.0000



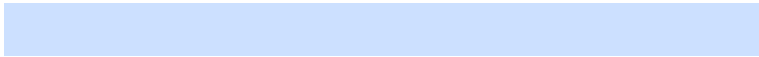
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2228, 77.2588, 105.6609



69.6524, 73.4584, 105.1156



70.0024, 68.9533, 104.2275



17.5923, 18.5562, 22.9044



11.9902, 8.8901, 50.5186



1.2704, 1.0715, 4.9531

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.9277, 74.0057, 84.2570



76.3101, 69.8366, 80.0975



87.3197, 96.7272, 76.3570



18.3069, 18.1061, 20.2330



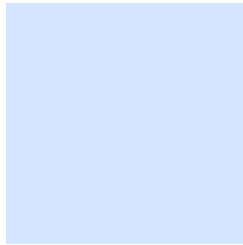
22.8403, 11.6254, 7.8095



2.2759, 1.1527, 1.0341

Previews

White Background



This preview shows how the XYZ color 73.2207, 77.2557, 105.6604 looks on a white background.

Color Contrast Check

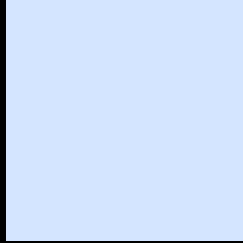
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.2207, 77.2557, 105.6604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

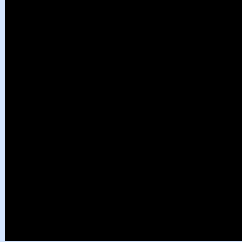
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

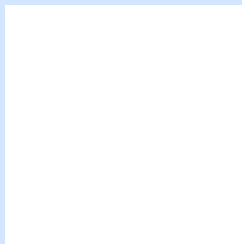
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2207, 77.2557, 105.6604

Background



This preview shows how black text looks on a background with the XYZ color 73.2207, 77.2557, 105.6604.

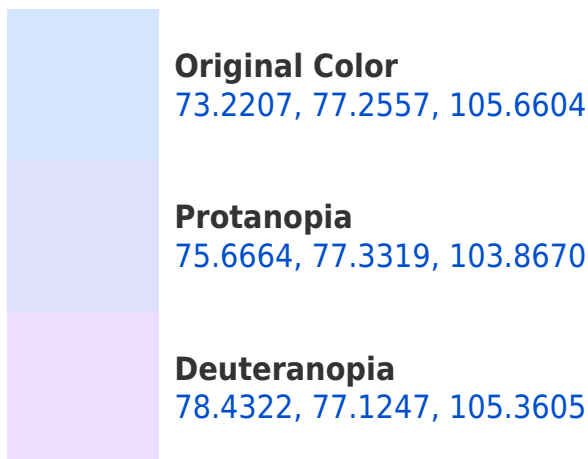


This preview shows how white text looks on a background with the XYZ color 73.2207, 77.2557,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

72.1041, 77.2198, 99.9116

Trichromacy



Original Color

73.2207, 77.2557, 105.6604

Protanomaly

74.8737, 77.3096, 104.7419

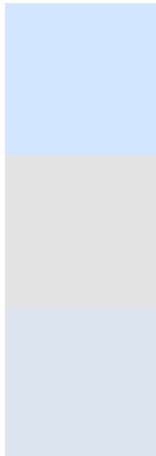
Deuteranomaly

76.6538, 77.4013, 105.5076

Tritanomaly

72.5734, 77.4075, 102.3829

Monochromacy



Original Color

73.2207, 77.2557, 105.6604

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1537, 77.1308, 91.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2207, 77.2557, 105.6604 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 229, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2207, 77.2557, 105.6604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 229, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 229, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2207, 77.2557, 105.6604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 229, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
229, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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