

Converting Colors

XYZ(70.4390, 76.4137, 95.2390)

Have a look what the booklet for
XYZ(70.4390, 76.4137, 95.2390)
contains.

XYZ(70.3363, 76.4143, 95.0467)	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(70.3363, 76.4143,
95.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E6F2
RGB	208, 230, 242
RGB Percent	82%, 90%, 95%
CMY	0.1843, 0.0980, 0.0510
CMYK	0.14, 0.05, 0.00, 0.05
HSL	201°, 57%, 88%
HSV	201°, 14%, 95%
XYZ	70.3363, 76.4143, 95.0467
YIQ	224.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

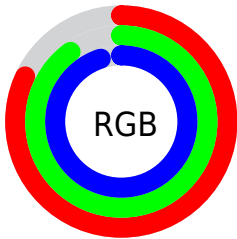
Format	Color
R _Y B	208, 221, 242
Decimal	13690610
CIE Lab	90.05, -4.86, -8.29
CIE LCh	90, 9.615, 239.620
Yxy	76.4143, 0.2909, 0.3160
Android (android.graphics.Color)	4291880690 (0xFFD0E6F2)
YUV	224.7900, 8.4845, -14.7248
Hunter-Lab	87.4153, -9.3516, -3.2754

Details

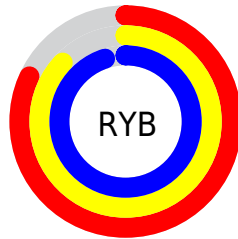
The XYZ color **70.3363, 76.4143, 95.0467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5970, 74.6177, 70.1999**, and the grayscale version is **71.3688, 75.0856, 81.7682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3298, 40.9774, 52.3963** is the 20% darker color. If you saturate the color by 10%, you get **61.7267, 68.5360, 93.9810**, and if you desaturate by 10%, it is **80.1050, 85.0670, 96.2032**.

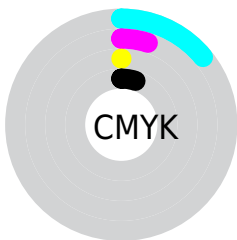
Distribution



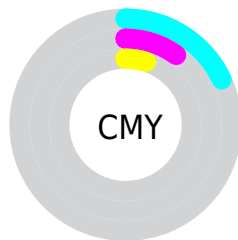
- Red (82%)
- Green (90%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3363, 76.4143, 95.0467 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 70.3363, 76.4143, 95.0467 by changing the saturation by 10% instead.

■ 70.3363, 76.4143,
95.0467

■ 70.3363, 76.4143,
95.0467

450.9779,
482.7647, 565.3026

■ 52.0813, 56.7723,
71.5767

118.7119,
128.3124, 156.3253

■ 37.2944, 40.8225,
52.3283

149.5632,
161.3372, 194.9709

■ 25.6103, 28.1804,
36.8828

185.3440,
199.5918, 239.5123

■ 16.6635, 18.4617,
24.8217

226.4197,
243.4606, 290.3678

■ 10.0886, 11.2820,
15.7264

273.1555,
293.3278, 347.9560

■ 5.5205, 6.2568,
9.1785

325.9170,

■ 2.5936, 3.0019,

349.5780, 412.6956

4.7594

385.0693,
412.5955, 485.0049

■ 0.9427, 1.1327,
2.0505

■ 0.0000, 0.0057,
0.5861

■ 70.3363, 76.4143,
95.0467

■ 70.3363, 76.4143,
95.0467

■ 61.7267, 68.5360,
93.9810

■ 80.1050, 85.0670,
96.2032

■ 54.2208, 61.3951,
92.9983

■ 90.5534, 94.2433,
97.4237

■ 47.7688, 54.9653,
92.0973

■ 93.0272, 99.1909,
98.2483

■ 42.3139, 49.2149,
91.2748

■ 37.7939, 44.1092,
90.5276

■ 34.1385, 39.6092,
89.8516

■ 31.2670, 35.6705,
89.2428

■ 29.0807, 32.2396,
88.6958

■ 28.0183, 30.3931,
88.3953

Harmonies

Analogous

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



68.7178, 76.4143, 89.8594



70.3363, 76.4143, 95.0467



72.5991, 76.4143, 97.0295

Triad

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



70.3363, 76.4143, 95.0467



77.3095, 76.4143, 83.2893



70.3878, 76.4143, 72.3057

Complementary

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



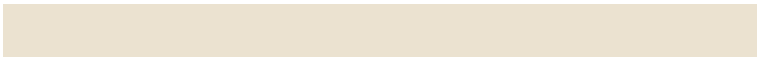
70.3363, 76.4143, 95.0467



73.5970, 74.6177, 70.1999

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.



72.6599, 76.4143, 70.7552



70.3363, 76.4143, 95.0467



76.6869, 76.4143, 76.8822

Square

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



70.3363, 76.4143, 95.0467



76.6554, 76.4143, 90.0182



74.9720, 76.4143, 72.3850



68.7471, 76.4143, 76.7392

Rectangle

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



70.3363, 76.4143, 95.0467



74.1793, 76.4143, 96.1879



74.9720, 76.4143, 72.3850



71.1015, 76.4143, 71.4412

Sweetspot

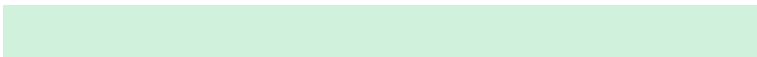
The Sweet Spot groups the original color and five complimentary colors.



70.3385, 76.4175, 95.0484



90.2590, 95.8416, 108.3499



70.6710, 82.0776, 79.7601



19.1315, 20.3501, 23.1696



0.0000, 0.0000, 0.0000



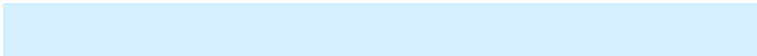
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3385, 76.4175, 95.0484



76.1735, 83.3110, 106.6736



65.8604, 67.4612, 93.5557



15.7508, 16.9357, 20.1604



15.1848, 16.5938, 47.5305



1.3564, 1.5668, 3.9851

Inverse Universe

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



73.4586, 69.7040, 84.4490



80.3803, 74.4458, 92.3405



78.2597, 83.9432, 71.7541



16.2037, 15.9312, 18.6287



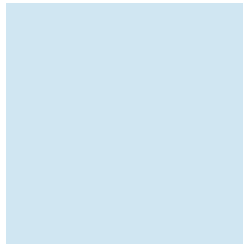
22.9902, 11.4685, 18.3967



1.9596, 0.9729, 1.7781

Previews

White Background



This preview shows how the XYZ color 70.3363, 76.4143, 95.0467 looks on a white background.

Color Contrast Check

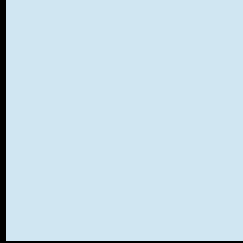
Large Text (above 18pt) WCAG AA × Fail

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 70.3363, 76.4143, 95.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

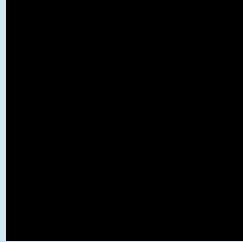
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

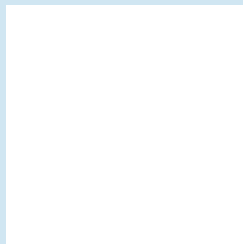
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3363, 76.4143, 95.0467

Background



This preview shows how black text looks on a background with the XYZ color 70.3363, 76.4143, 95.0467.

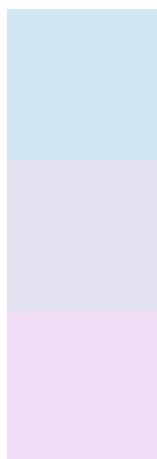


This preview shows how white text looks on a background with the XYZ color 70.3363, 76.4143,

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



Original Color

70.3363, 76.4143, 95.0467

Protanopia

74.1838, 76.4133, 92.5007

Deuteranopia

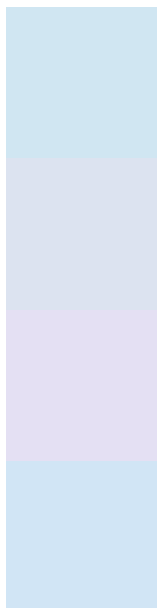
77.8575, 76.2433, 96.2008



Tritanopia

71.1023, 76.3093, 98.9774

Trichromacy



Original Color

70.3363, 76.4143, 95.0467

Protanomaly

72.7125, 76.4451, 93.3611

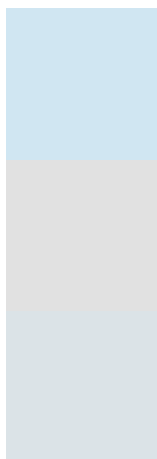
Deuteranomaly

74.8282, 76.2764, 95.5730

Tritanomaly

70.7952, 76.1865, 97.3604

Monochromacy



Original Color

70.3363, 76.4143, 95.0467

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1063, 75.7678, 86.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3363, 76.4143, 95.0467 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(208, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 242)  
}
```

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(208, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.3363, 76.4143, 95.0467 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(208, 230, 242) }
```


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

```
.border{ border-color:rgb(208, 230, 242) }
```

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

Here you see how a box with a 4 pixel rgb(208, 230, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3363, 76.4143, 95.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 242) }
```

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

```
.background{ background-color: rgb(208,  
230, 242) }
```

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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