

Converting Colors

XYZ(72.5240, 76.3034, 98.6855)

Have a look what the booklet for
XYZ(72.5240, 76.3034, 98.6855)
contains.

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Color

**XYZ(72.5765, 76.2525,
98.8887)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E3F7
RGB	216, 227, 247
RGB Percent	85%, 89%, 97%
CMY	0.1529, 0.1098, 0.0314
CMYK	0.13, 0.08, 0.00, 0.03
HSL	219°, 66%, 91%
HSV	219°, 13%, 97%
XYZ	72.5765, 76.2525, 98.8887
YIQ	225.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

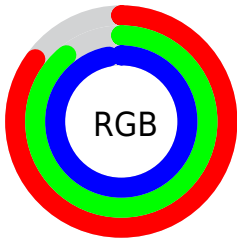
Format	Color
R _Y B	216, 224, 247
Decimal	14214135
CIE Lab	89.98, 0.21, -10.97
CIE LCh	90, 10.967, 271.106
Yxy	76.2525, 0.2930, 0.3078
Android (android.graphics.Color)	4292404215 (0xFFD8E3F7)
YUV	225.9910, 10.3574, -8.7621
Hunter-Lab	87.3227, -4.4580, -6.0172

Details

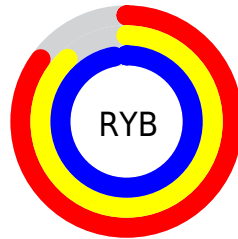
The XYZ color **72.5765, 76.2525, 98.8887** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.7483, 84.7226, 77.0645**, and the grayscale version is **72.2183, 75.9793, 82.7415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8544, 40.8437, 55.1260** is the 20% darker color. If you saturate the color by 10%, you get **61.6628, 64.4553, 97.1880**, and if you desaturate by 10%, it is **84.9949, 89.4281, 100.7785**.

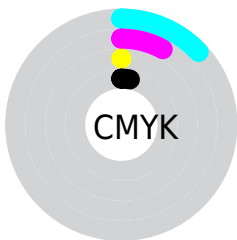
Distribution



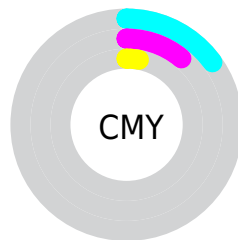
- Red (85%)
- Green (89%)
- Blue (97%)



- Red (85%)
- Yellow (88%)
- Blue (97%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5765, 76.2525, 98.8887 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 72.5765, 76.2525, 98.8887 by changing the saturation by 10% instead.

■ 72.5765, 76.2525,
98.8887

■ 72.5765, 76.2525,
98.8887

458.6723,
482.2116, 577.8401

■ 53.9169, 56.6396,
74.7611

121.8822,
128.0838, 161.6677

■ 38.7656, 40.7159,
54.9166

153.2590,
161.0709, 201.1561

■ 26.7574, 28.0972,
38.9368

189.6055,
199.2849, 246.6019

■ 17.5267, 18.3989,
26.4031

231.2872,
243.1102, 298.4236

■ 10.7084, 11.2368,
16.8970

278.6694,
292.9311, 357.0397

■ 5.9369, 6.2263,
9.9999

332.1173,

■ 2.8471, 2.9832,

349.1320, 422.8688

5.2933

391.9965,
412.0974, 496.3294

■ 1.0734, 1.1230,
2.3586

■ 0.0027, 0.0000,
0.7638

■ 72.5765, 76.2525,
98.8887

■ 72.5765, 76.2525,
98.8887

■ 61.6628, 64.4553,
97.1880

■ 84.9949, 89.4281,
100.7785

■ 52.1873, 53.9801,
95.6655

■ 93.7887, 99.4955,
102.2582

■ 44.0885, 44.7802,
94.3166

■ 37.2976, 36.8026,
93.1347

■ 31.7392, 29.9898,
92.1127

■ 27.3297, 24.2792,
91.2428

■ 23.9740, 19.6009,
90.5167

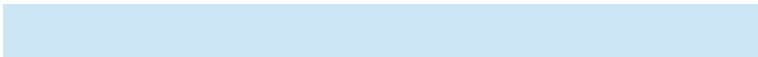
■ 21.5589, 15.8743,
89.9247

■ 20.2514, 13.6408,
89.5625

Harmonies

Analogous

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



69.9825, 76.2525, 96.8153



72.5765, 76.2525, 98.8887



75.2062, 76.2525, 96.4960

Triad

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



72.5765, 76.2525, 98.8887



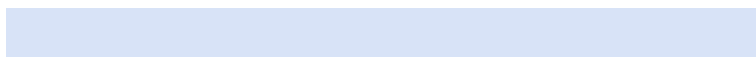
77.0379, 76.2525, 75.5393



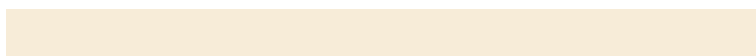
68.0007, 76.2525, 76.0095

Complementary

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



72.5765, 76.2525, 98.8887



80.7483, 84.7226, 77.0645

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.



69.8121, 76.2525, 70.8718



72.5765, 76.2525, 98.8887



75.0275, 76.2525, 70.6125

Square

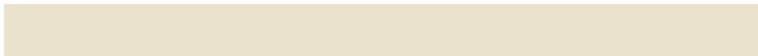
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5765, 76.2525, 98.8887



77.8213, 76.2525, 82.7378



72.3750, 76.2525, 68.9574



67.3807, 76.2525, 83.3149

Rectangle

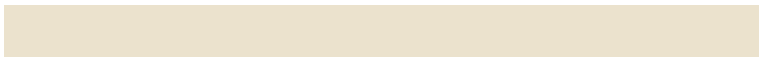
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



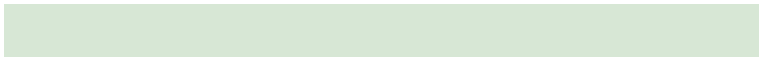
72.5765, 76.2525, 98.8887



76.6151, 76.2525, 92.7714



72.3750, 76.2525, 68.9574



68.4882, 76.2525, 73.9882

Sweetspot

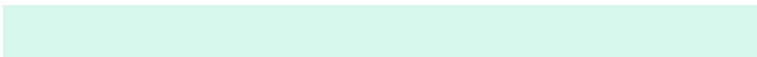
The Sweet Spot groups the original color and five complimentary colors.



72.5788, 76.2557, 98.8904



89.3332, 93.9901, 108.0413



76.6681, 87.1567, 91.8613



18.8973, 19.8817, 23.0915



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.



72.5788, 76.2557, 98.8904



74.9787, 78.7089, 105.8483



70.9014, 71.0652, 97.9769



16.0624, 16.8891, 20.9559



10.8313, 7.4563, 47.4064



1.0452, 0.8418, 4.1976

Inverse Universe

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



76.7806, 74.4337, 82.9970



80.3173, 76.4884, 85.6340



82.5729, 90.5117, 78.0857



16.7421, 16.5797, 18.3883



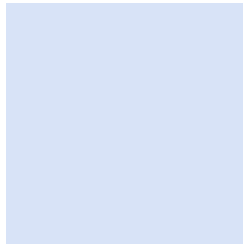
21.2716, 10.8521, 6.1388



1.9166, 0.9726, 0.7873

Previews

White Background



This preview shows how the XYZ color 72.5765, 76.2525, 98.8887 looks on a white background.

Color Contrast Check

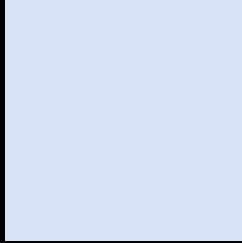
Large Text (above 18pt) WCAG AA × Fail

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 72.5765, 76.2525, 98.8887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

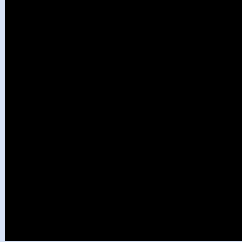
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

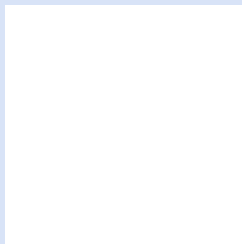
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5765, 76.2525, 98.8887

Background



This preview shows how black text looks on a background with the XYZ color 72.5765, 76.2525, 98.8887.

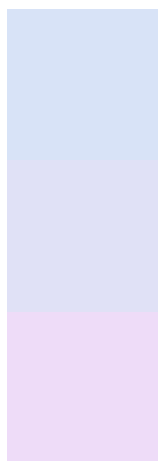


This preview shows how white text looks on a background with the XYZ color 72.5765, 76.2525,

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

72.5765, 76.2525, 98.8887

Protanopia

74.3002, 76.3515, 98.0101

Deuteranopia

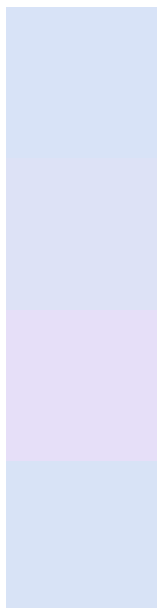
77.7964, 76.1409, 99.4033



Tritanopia

72.2694, 76.1297, 97.2717

Trichromacy



Original Color

72.5765, 76.2525, 98.8887

Protanomaly

73.6497, 76.4187, 98.0573

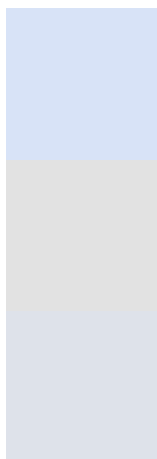
Deuteranomaly

75.9641, 76.3757, 99.5452

Tritanomaly

72.4225, 76.1909, 98.0780

Monochromacy



Original Color

72.5765, 76.2525, 98.8887

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1718, 75.8628, 88.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5765, 76.2525, 98.8887 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(216, 227, 247)` looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 247)  
}
```

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(216, 227, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 247) }
```

Border

The CSS property to change the border of an element to XYZ 72.5765, 76.2525, 98.8887 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(216, 227, 247) }
```


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

```
.border{ border-color:rgb(216, 227, 247) }
```

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

Here you see how a box with a 4 pixel rgb(216, 227, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 247);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5765, 76.2525, 98.8887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 247) }
```

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

```
.background{ background-color: rgb(216,  
227, 247) }
```

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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