

Converting Colors

XYZ(65.2606, 69.8359, 91.7014)

Have a look what the booklet for
XYZ(65.2606, 69.8359, 91.7014)
contains.

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Color

**XYZ(65.2606, 69.8359,
91.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DCEF
RGB	201, 220, 239
RGB Percent	79%, 86%, 94%
CMY	0.2118, 0.1372, 0.0627
CMYK	0.16, 0.08, 0.00, 0.06
HSL	210°, 54%, 86%
HSV	210°, 16%, 94%
XYZ	65.2606, 69.8359, 91.7014
YIQ	216.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

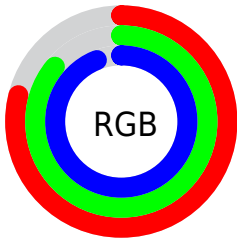
Format	Color
R _Y B	201, 214, 239
Decimal	13229295
CIE Lab	86.92, -2.50, -11.43
CIE LCh	87, 11.701, 257.659
Yxy	69.8359, 0.2877, 0.3079
Android (android.graphics.Color)	4291419375 (0xFFC9DCEF)
YUV	216.4850, 11.0999, -13.5803
Hunter-Lab	83.5679, -6.8479, -6.5631

Details

The XYZ color **65.2606, 69.8359, 91.7014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7330, 73.7541, 65.7151**, and the grayscale version is **65.5378, 68.9509, 75.0875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0350, 36.5322, 50.0573** is the 20% darker color. If you saturate the color by 10%, you get **56.3046, 60.7304, 90.4170**, and if you desaturate by 10%, it is **75.4446, 79.9108, 93.1104**.

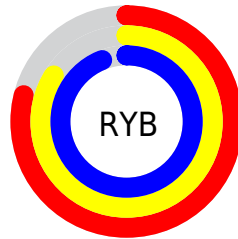
Distribution



Red (79%)

Green (86%)

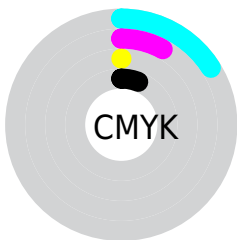
Blue (94%)



Red (79%)

Yellow (84%)

Blue (94%)

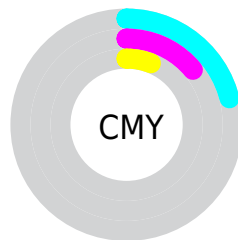


Cyan (16%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (21%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2606, 69.8359, 91.7014 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 65.2606, 69.8359, 91.7014 by changing the saturation by 10% instead.

■ 65.2606, 69.8359,
91.7014

■ 65.2606, 69.8359,
91.7014

433.2583,
459.9736, 554.2623

■ 47.9379, 51.3928,
68.8110

111.4881,
118.9747, 151.6556

■ 33.9888, 36.5213,
50.0870

141.1235,
150.4392, 189.5564

■ 23.0478, 24.8371,
35.1109

175.5940,
187.0129, 233.2978

■ 14.7497, 15.9557,
23.4641

215.2648,
229.0802, 283.2984

■ 8.7291, 9.4928,
14.7280

260.5012,
277.0255, 339.9765

■ 4.6206, 5.0640,
8.4842

311.6687,

■ 2.0589, 2.2849,

331.2333, 403.7509

4.3141

369.1326,
392.0878, 475.0400

■ 0.6667, 0.7657,
1.7992

■ 0.0000, 0.0000,
0.4274

■ 65.2606, 69.8359,
91.7014

■ 65.2606, 69.8359,
91.7014

■ 56.3046, 60.7304,
90.4170

■ 75.4446, 79.9108,
93.1104

■ 48.5196, 52.5527,
89.2489

■ 86.8978, 90.9776,
94.6429

■ 41.8531, 45.2703,
88.1946

■ 92.5802, 99.0121,
95.8942

■ 36.2460, 38.8453,
87.2500

■ 31.6332, 33.2366,
86.4105

■ 27.9414, 28.3984,
85.6712

■ 25.0859, 24.2788,
85.0266

■ 22.9630, 20.8156,
84.4700

■ 22.2389, 19.5494,
84.2637

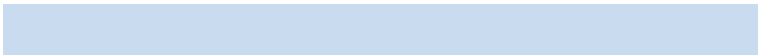
Harmonies

Analogous

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



62.9016, 69.8359, 87.7088



65.2606, 69.8359, 91.7014



67.9830, 69.8359, 91.2928

Triad

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



65.2606, 69.8359, 91.7014



71.5087, 69.8359, 71.5670



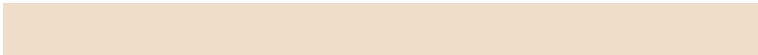
62.5698, 69.8359, 66.3508

Complementary

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



65.2606, 69.8359, 91.7014



71.7330, 73.7541, 65.7151

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.



64.7963, 69.8359, 62.5874



65.2606, 69.8359, 91.7014



69.9779, 69.8359, 65.4539

Square

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



65.2606, 69.8359, 91.7014



71.6414, 69.8359, 79.3001



67.5059, 69.8359, 62.2707



61.3769, 69.8359, 72.8694

Rectangle

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



65.2606, 69.8359, 91.7014



69.6379, 69.8359, 88.5807



67.5059, 69.8359, 62.2707



63.2194, 69.8359, 64.7416

Sweetspot

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



65.2627, 69.8388, 91.7030



88.5140, 93.6619, 108.0211



67.7897, 79.2856, 79.0033



18.7554, 19.8618, 23.0952



0.0000, 0.0000, 0.0000



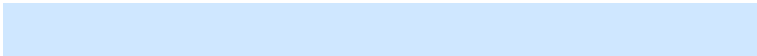
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2627, 69.8388, 91.7030



72.1705, 77.4486, 105.7530



60.7034, 60.7203, 90.1832



15.5503, 16.5348, 20.0936



12.4208, 11.0659, 46.6092



1.1328, 1.1196, 3.9106

Inverse Universe

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



69.4032, 65.2930, 76.6583



77.8365, 71.4249, 85.1214



76.8218, 83.9318, 67.4114



16.1025, 15.8907, 18.0959



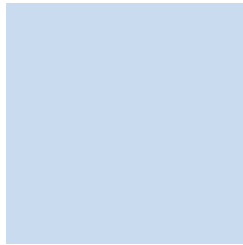
21.5951, 10.9105, 11.0502



1.8467, 0.9277, 1.1837

Previews

White Background



This preview shows how the XYZ color 65.2606, 69.8359, 91.7014 looks on a white background.

Color Contrast Check

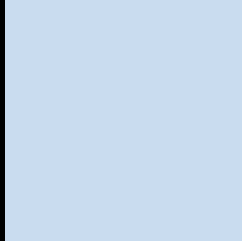
Large Text (above 18pt) WCAG AA × Fail

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 65.2606, 69.8359, 91.7014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

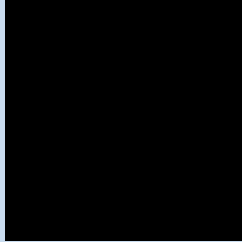
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

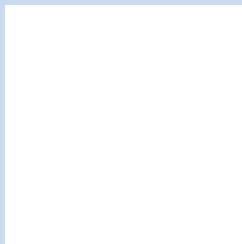
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2606, 69.8359, 91.7014

Background



This preview shows how black text looks on a background with the XYZ color 65.2606, 69.8359, 91.7014.

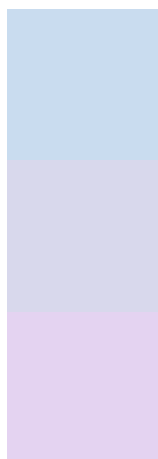


This preview shows how white text looks on a background with the XYZ color 65.2606, 69.8359,

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

65.2606, 69.8359, 91.7014

Protanopia

68.0151, 69.7668, 89.2384

Deuteranopia

71.1664, 69.4334, 92.8702



Tritanopia

65.1132, 69.7770, 90.9254

Trichromacy



Original Color

65.2606, 69.8359, 91.7014

Protanomaly

66.9629, 69.5890, 90.0235

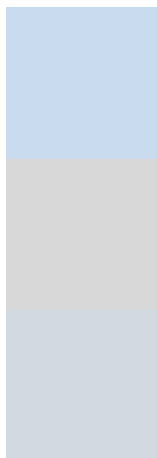
Deuteranomaly

68.6882, 69.2898, 92.1921

Tritanomaly

65.1132, 69.7770, 90.9254

Monochromacy



Original Color

65.2606, 69.8359, 91.7014

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1314, 68.8564, 80.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2606, 69.8359, 91.7014 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(201, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 239)  
}
```

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(201, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 65.2606, 69.8359, 91.7014 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(201, 220, 239) }
```


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

```
.border{ border-color:rgb(201, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(201, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2606, 69.8359, 91.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 239) }
```

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

```
.background{ background-color: rgb(201,  
220, 239) }
```

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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