

Converting Colors

XYZ(65.2889, 65.4960, 92.7848)

Have a look what the booklet for
XYZ(65.2889, 65.4960, 92.7848)
contains.

XYZ(65.2560, 65.6534, 92.4521)	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(65.2560, 65.6534,
92.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D1F1
RGB	210, 209, 241
RGB Percent	82%, 82%, 95%
CMY	0.1765, 0.1804, 0.0549
CMYK	0.13, 0.13, 0.00, 0.05
HSL	242°, 53%, 88%
HSV	242°, 13%, 95%
XYZ	65.2560, 65.6534, 92.4521
YIQ	212.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

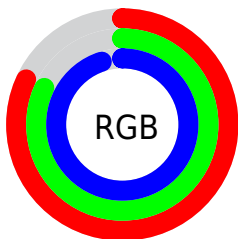
Format	Color
R _Y B	210, 209, 241
Decimal	13816305
CIE Lab	84.82, 6.53, -15.56
CIE LCh	85, 16.874, 292.758
Yxy	65.6534, 0.2922, 0.2939
Android (android.graphics.Color)	4292006385 (0xFFD2D1F1)
YUV	212.9470, 13.8301, -2.5845
Hunter-Lab	81.0268, 1.9605, -10.9315

Details

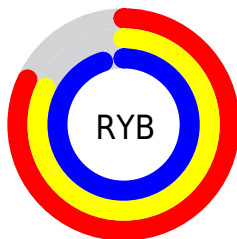
The XYZ color **65.2560, 65.6534, 92.4521** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.9013, 86.0410, 72.7736**, and the grayscale version is **63.1272, 66.4147, 72.3256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9959, 33.9140, 50.6532** is the 20% darker color. If you saturate the color by 10%, you get **53.6153, 51.5301, 90.3406**, and if you desaturate by 10%, it is **78.7649, 82.0709, 94.9100**.

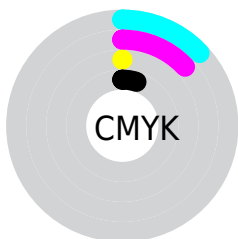
Distribution



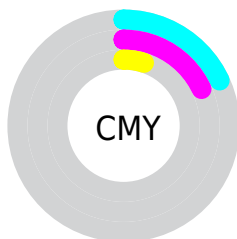
- Red (82%)
- Green (82%)
- Blue (95%)



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



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2560, 65.6534, 92.4521 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 65.2560, 65.6534, 92.4521 by changing the saturation by 10% instead.

■ 65.2560, 65.6534,
92.4521

■ 65.2560, 65.6534,
92.4521

433.2420,
445.1363, 556.7502

■ 47.9342, 47.9911,
69.4311

111.4815,
112.9887, 152.7050

■ 33.9858, 33.8198,
50.5889

141.1158,
143.4305, 190.7739

■ 23.0455, 22.7552,
35.5071

175.5851,
178.9010, 234.6958

■ 14.7480, 14.4129,
23.7671

215.2546,
219.7844, 284.8894

■ 8.7279, 8.4084,
14.9503

260.4897,
266.4653, 341.7730

■ 4.6198, 4.3574,
8.6383

311.6557,

■ 2.0584, 1.8754,

319.3280, 405.7654

4.4124

369.1180,
378.7568, 477.2849

■ 0.6665, 0.5335,
1.8542

■ 0.0000, 0.0000,
0.4634

■ 65.2560, 65.6534,
92.4521

■ 65.2560, 65.6534,
92.4521

■ 53.6153, 51.5301,
90.3406

■ 78.7649, 82.0709,
94.9100

■ 43.7549, 39.5911,
88.5558

■ 92.8774, 99.1310,
97.4592

■ 35.5889, 29.7300,
87.0828

■ 29.0219, 21.8278,
85.9037

■ 23.9491, 15.7541,
84.9987

■ 20.2530, 11.3622,
84.3458

■ 17.7986, 8.4831,
83.9194

■ 16.4239, 6.9123,
83.6887

■ 15.9714, 6.3994,
83.6136

Harmonies

Analogous

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



61.4898, 65.6534, 94.1897



65.2560, 65.6534, 92.4521



68.3691, 65.6534, 84.8385

Triad

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



65.2560, 65.6534, 92.4521



66.9048, 65.6534, 56.1603



55.4648, 65.6534, 68.8932

Complementary

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



65.2560, 65.6534, 92.4521



78.9013, 86.0410, 72.7736

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.



56.7919, 65.6534, 59.6125



65.2560, 65.6534, 92.4521



63.3224, 65.6534, 52.7585

Square

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



65.2560, 65.6534, 92.4521



69.3475, 65.6534, 63.7308



59.6317, 65.6534, 53.9555



55.9357, 65.6534, 79.8448

Rectangle

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



65.2560, 65.6534, 92.4521



69.6045, 65.6534, 77.8351



59.6317, 65.6534, 53.9555



55.7135, 65.6534, 65.4908

Sweetspot

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



65.2580, 65.6561, 92.4536



88.3393, 91.8376, 107.6782



73.4712, 82.5031, 95.2725



18.6466, 19.3389, 22.9999



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.



65.2580, 65.6561, 92.4536



70.3104, 69.9331, 104.4004



69.8978, 68.0480, 92.6707



14.9428, 15.2522, 19.8780



8.6815, 3.4809, 45.3422



0.7382, 0.2978, 3.7728

Inverse Universe

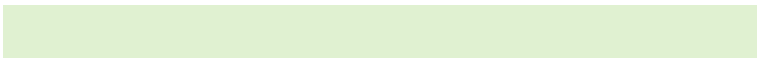
The Inverse Universe completely reimagines the original color for something new.



74.8064, 70.5957, 92.1245



83.1830, 76.5928, 103.9372



73.8511, 83.4375, 72.5373



16.4317, 16.0224, 19.8297



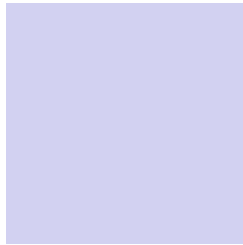
27.6948, 13.3504, 43.1710



2.3106, 1.1133, 3.6265

Previews

White Background



This preview shows how the XYZ color 65.2560, 65.6534, 92.4521 looks on a white background.

Color Contrast Check

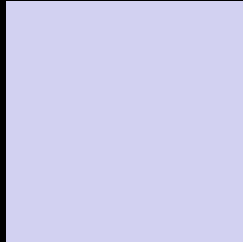
Large Text (above 18pt) WCAG AA × Fail

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 65.2560, 65.6534, 92.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

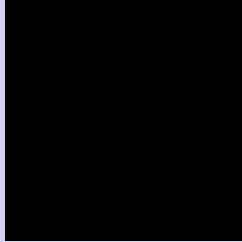
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2560, 65.6534, 92.4521

Background



This preview shows how black text looks on a background with the XYZ color 65.2560, 65.6534, 92.4521.



This preview shows how white text looks on a background with the XYZ color 65.2560, 65.6534,

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

65.2560, 65.6534, 92.4521

Protanopia

64.5272, 65.6258, 93.2705

Deuteranopia

67.0118, 65.4588, 93.1073



Tritanopia

63.3103, 65.5999, 82.7240

Trichromacy



Original Color

65.2560, 65.6534, 92.4521

Protanomaly

64.8057, 65.7694, 93.2835

Deuteranomaly

66.3642, 65.4835, 93.1462

Tritanomaly

64.0491, 65.5317, 86.3639

Monochromacy



Original Color

65.2560, 65.6534, 92.4521

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.0141, 66.4117, 79.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2560, 65.6534, 92.4521 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(210, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 241)  
}
```

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(210, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.2560, 65.6534, 92.4521 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(210, 209, 241) }
```


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

```
.border{ border-color:rgb(210, 209, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 241);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2560, 65.6534, 92.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 241) }
```

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

```
.background{ background-color: rgb(210,  
209, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor