

Converting Colors

XYZ(56.5386, 59.4995, 65.5202)

Have a look what the booklet for
XYZ(56.5386, 59.4995, 65.5202)
contains.

XYZ(56.6121, 59.6281, 65.6523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(56.6121, 59.6281,
65.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	CACBCC
RGB	202, 203, 204
RGB Percent	79%, 80%, 80%
CMY	0.2078, 0.2039, 0.2000
CMYK	0.01, 0.00, 0.00, 0.20
HSL	210°, 2%, 80%
HSV	210°, 1%, 80%
XYZ	56.6121, 59.6281, 65.6523
YIQ	202.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

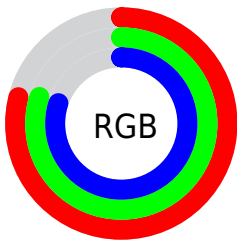
Format	Color
RYB	202, 203, 204
Decimal	13290444
CIELab	81.64, -0.16, -0.63
CIElCh	82, 0.645, 256.096
Yxy	59.6281, 0.3112, 0.3278
Android (android.graphics.Color)	4291480524 (0xFFCACBCC)
YUV	202.8150, 0.5842, -0.7148
Hunter-Lab	77.2192, -4.2691, 3.6447

Details

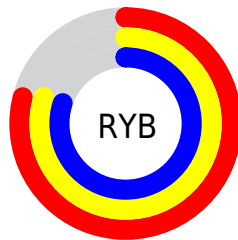
The XYZ color **56.6121, 59.6281, 65.6523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9184, 59.8126, 64.4229**, and the grayscale version is **56.6470, 59.5971, 64.9012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4652, 29.9928, 33.1431** is the 20% darker color. If you saturate the color by 10%, you get **49.1319, 52.3270, 64.6382**, and if you desaturate by 10%, it is **64.9827, 67.6251, 66.7556**.

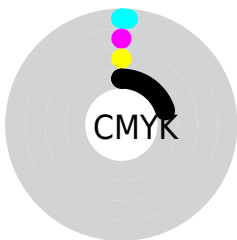
Distribution



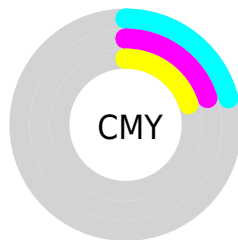
- Red (79%)
- Green (80%)
- Blue (80%)



- Red (79%)
- Yellow (80%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6121, 59.6281, 65.6523 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 56.6121, 59.6281, 65.6523 by changing the saturation by 10% instead.

■ 56.6121, 59.6281,
65.6523

■ 56.6121, 59.6281,
65.6523

402.0319,
423.2256, 463.5026

■ 40.9328, 43.1189,
47.5355

99.0336, 104.2900,
114.6094

■ 28.4540, 29.9785,
33.1018

126.5065,
133.2115, 146.2868

■ 18.8104, 19.8222,
21.9327

158.6414,
167.0393, 183.3214

■ 11.6365, 12.2659,
13.6096

195.8035,
206.1577, 226.1318

■ 6.5671, 6.9250,
7.7140

238.3583,
250.9511, 275.1366

■ 3.2368, 3.4153,
3.8274

286.6710,

■ 1.2802, 1.3522,

301.8040, 330.7543

1.5311

341.1071,
359.1007, 393.4035

■ 0.1683, 0.1811,
0.2409

■ 0.0000, 0.0000,
0.0000

■ 56.6121, 59.6281,
65.6523

■ 56.6121, 59.6281,
65.6523

■ 49.1319, 52.3270,
64.6382

■ 64.9827, 67.6251,
66.7556

■ 42.5057, 45.6936,
63.7071

■ 74.2683, 76.3299,
67.9464

■ 36.7017, 39.7085,
62.8577

■ 81.4170, 84.1751,
69.0839

■ 31.6843, 34.3488,
62.0876

■ 84.3850, 90.1113,
70.0732

■ 27.4151, 29.5897,
61.3940

■ 87.5216, 96.3844,
71.1188

■ 23.8522, 25.4045,
60.7740

■ 87.8992, 97.1397,
71.2447

■ 20.9490, 21.7641,
60.2244

■ 18.6527, 18.6358,
59.7416

■ 16.9010, 15.9818,
59.3216

Harmonies

Analogous

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



56.4941, 59.6281, 65.4643



56.6121, 59.6281, 65.6523



56.7470, 59.6281, 65.6449

Triad

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



56.6121, 59.6281, 65.6523



56.9256, 59.6281, 64.7181



56.4871, 59.6281, 64.4085

Complementary

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



56.6121, 59.6281, 65.6523



56.9184, 59.8126, 64.4229

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.



56.6025, 59.6281, 64.2102



56.6121, 59.6281, 65.6523



56.8557, 59.6281, 64.3884

Square

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



56.6121, 59.6281, 65.6523



56.9282, 59.6281, 65.1044



56.7374, 59.6281, 64.2028



56.4220, 59.6281, 64.7456

Rectangle

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



56.6121, 59.6281, 65.6523



56.8284, 59.6281, 65.5300



56.7374, 59.6281, 64.2028



56.5213, 59.6281, 64.3234

Sweetspot

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



56.6138, 59.6307, 65.6536

95.0500, 100.0000, 108.9000



56.7263, 60.0534, 65.0815



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.6138, 59.6307, 65.6536



93.7142, 98.7118, 108.7218



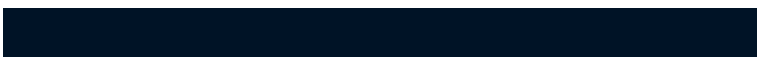
56.3853, 59.1736, 65.5774



12.4645, 13.1280, 14.4474



9.9677, 8.9594, 37.1602



0.5901, 0.6140, 1.9424

Inverse Universe

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



56.8031, 59.3912, 64.9729



94.0380, 98.3022, 107.5571



57.1483, 60.2724, 64.4995



12.5044, 13.0775, 14.3038



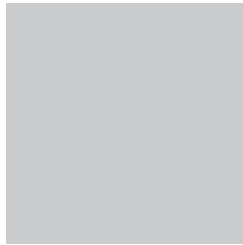
17.2421, 8.7074, 8.9937



0.9278, 0.4645, 0.6657

Previews

White Background



This preview shows how the XYZ color 56.6121, 59.6281, 65.6523 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 56.6121, 59.6281, 65.6523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

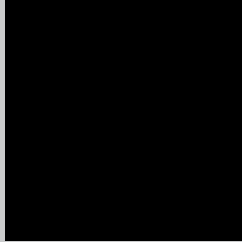
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

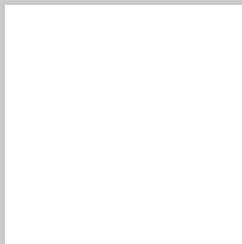
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6121, 59.6281, 65.6523

Background



This preview shows how black text looks on a background with the XYZ color 56.6121, 59.6281, 65.6523.

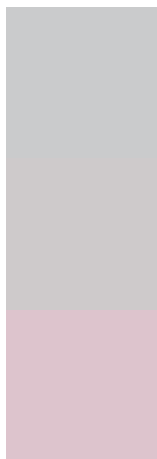


This preview shows how white text looks on a background with the XYZ color 56.6121, 59.6281,

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

56.6121, 59.6281, 65.6523

Protanopia

57.3536, 59.6747, 64.9954

Deuteranopia

60.5782, 59.2598, 66.0031



Tritanopia

58.3129, 59.6204, 74.0801

Trichromacy



Original Color

56.6121, 59.6281, 65.6523

Protanomaly

57.0769, 59.5320, 64.9825

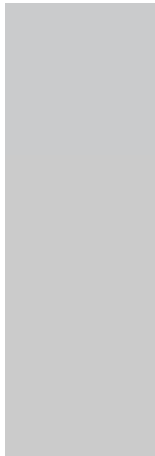
Deuteranomaly

59.1744, 59.5508, 66.1332

Tritanomaly

57.6328, 59.6910, 70.7713

Monochromacy



Original Color

56.6121, 59.6281, 65.6523

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7640, 59.7202, 65.0353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6121, 59.6281, 65.6523 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(202, 203, 204) looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 204)  
}
```

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(202, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.6121, 59.6281, 65.6523 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(202, 203, 204) }
```

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

```
.border{ border-color:rgb(202, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 56.6121, 59.6281, 65.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 204) }
```

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

```
.background{ background-color: rgb(202,  
203, 204) }
```

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