

Converting Colors

XYZ(54.7968, 56.6530, 69.8630)

Have a look what the booklet for
XYZ(54.7968, 56.6530, 69.8630)
contains.

| | |
|--|----|
| XYZ(54.7501, 56.5060, 69.6491) | 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(54.7501, 56.5060,
69.6491)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C5C5D3 |
| RGB | 197, 197, 211 |
| RGB Percent | 77%, 77%, 83% |
| CMY | 0.2274, 0.2274, 0.1725 |
| CMYK | 0.07, 0.07, 0.00, 0.17 |
| HSL | 240°, 14%, 80% |
| HSV | 240°, 7%, 83% |
| XYZ | 54.7501, 56.5060, 69.6491 |
| YIQ | 198.5960, -4.4940, 4.3540 |

Conversions

Conversions Part 2

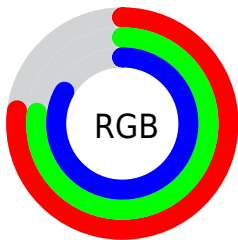
| Format | Color |
|-------------------------------------|--|
| RYB | 197, 197, 211 |
| Decimal | 12961235 |
| CIELab | 79.90, 2.66, -6.98 |
| CIELCh | 80, 7.468, 290.853 |
| Yxy | 56.5060, 0.3026, 0.3124 |
| Android (android.graphics.Color) | 4291151315 (0xFFC5C5D3) |
| YUV | 198.5960, 6.1152, -1.3997 |
| Hunter-Lab | 75.1705, -1.5386, -2.3157 |

Details

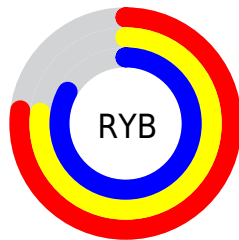
The XYZ color **54.7501, 56.5060, 69.6491** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2364, 64.4680, 62.0931**, and the grayscale version is **54.0066, 56.8191, 61.8760**.

A 20% lighter version of the original color is **94.3649, 99.1745, 108.7768**, and **27.2360, 27.9189, 35.8517** is the 20% darker color. If you saturate the color by 10%, you get **45.1478, 44.9369, 67.9230**, and if you desaturate by 10%, it is **65.7994, 69.8192, 71.6373**.

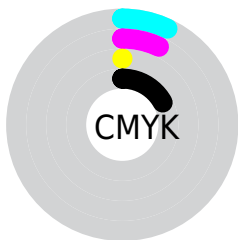
Distribution



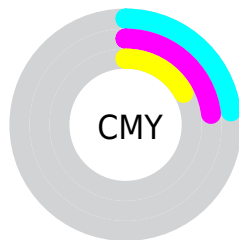
- Red (77%)
- Green (77%)
- Blue (83%)



- Red (77%)
- Yellow (77%)
- Blue (83%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7501, 56.5060, 69.6491 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 54.7501, 56.5060, 69.6491 by changing the saturation by 10% instead.

■ 54.7501, 56.5060,
69.6491

■ 54.7501, 56.5060,
69.6491

395.1158,
411.5956, 478.0728

■ 39.4347, 40.6088,
50.7655

96.3252, 99.7440,
120.3846

■ 27.2803, 28.0135,
35.6466

123.3156,
127.8536, 153.0736

■ 17.9215, 18.3358,
23.8738

154.9284,
160.8027, 191.2015

■ 10.9930, 11.1914,
15.0287

191.5290,
198.9758, 235.1868

■ 6.1294, 6.1957,
8.6927

233.4826,
242.7572, 285.4480

■ 2.9653, 2.9644,
4.4472

281.1547,

■ 1.1355, 1.1132,

292.5314, 342.4037

1.8738

334.9107,
348.6828, 406.4724

■ 0.0545, 0.0000,
0.4760

■ 0.0000, 0.0000,
0.0000

■ 54.7501, 56.5060,
69.6491

■ 54.7501, 56.5060,
69.6491

■ 45.1478, 44.9369,
67.9230

■ 65.7994, 69.8192,
71.6373

■ 36.9279, 35.0328,
66.4446

■ 78.3467, 84.9369,
73.8940

■ 30.0282, 26.7194,
65.2036

■ 88.7580, 97.4832,
75.7670

■ 24.3800, 19.9137,
64.1876

■ 19.9083, 14.5255,
63.3833

■ 16.5301, 10.4547,
62.7756

■ 14.1516, 7.5885,
62.3477

■ 12.6634, 5.7949,
62.0799

■ 11.9245, 4.9041,
61.9470

Harmonies

Analogous

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



53.2459, 56.5060, 70.1282



54.7501, 56.5060, 69.6491



55.9964, 56.5060, 66.9397

Triad

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



54.7501, 56.5060, 69.6491



55.5659, 56.5060, 55.2842



50.8844, 56.5060, 60.2097

Complementary

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



54.7501, 56.5060, 69.6491



60.2364, 64.4680, 62.0931

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.



51.4813, 56.5060, 56.4113



54.7501, 56.5060, 69.6491



54.1713, 56.5060, 53.6567

Square

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



54.7501, 56.5060, 69.6491



56.4736, 56.5060, 58.6054



52.6777, 56.5060, 54.0593



51.0328, 56.5060, 64.5409

Rectangle

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



54.7501, 56.5060, 69.6491



56.5042, 56.5060, 64.3004



52.6777, 56.5060, 54.0593



51.0041, 56.5060, 58.8315

Sweetspot

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



54.7518, 56.5084, 69.6503



91.5934, 95.8353, 108.2783



58.0498, 63.1512, 70.6055



19.6409, 20.5563, 23.1825



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.



54.7518, 56.5084, 69.6503



81.7742, 84.0045, 106.5123



56.5630, 57.4411, 69.7349



11.1639, 11.4181, 14.8592



7.0963, 2.8391, 37.3665



0.3969, 0.1589, 2.0893

Inverse Universe

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



56.9096, 57.8138, 60.9859



85.7722, 86.4232, 90.4586



58.3391, 63.4910, 62.0045



11.8089, 11.8083, 12.2694



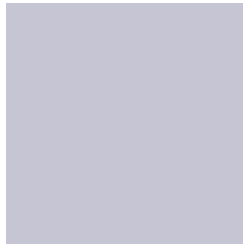
16.2126, 8.3579, 0.7598



0.9065, 0.4673, 0.0427

Previews

White Background



This preview shows how the XYZ color 54.7501, 56.5060, 69.6491 looks on a white background.

Color Contrast Check

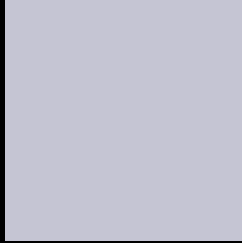
Large Text (above 18pt) WCAG AA × Fail

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 54.7501, 56.5060, 69.6491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

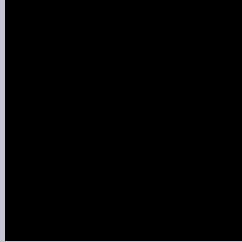
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7501, 56.5060, 69.6491

Background



This preview shows how black text looks on a background with the XYZ color 54.7501, 56.5060, 69.6491.

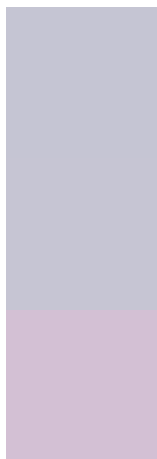


This preview shows how white text looks on a background with the XYZ color 54.7501, 56.5060,

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

54.7501, 56.5060, 69.6491

Protanopia

55.0128, 56.6414, 69.6614

Deuteranopia

57.5973, 56.3016, 70.1190



Tritanopia

54.8759, 56.5563, 70.3115

Trichromacy



Original Color

54.7501, 56.5060, 69.6491

Protanomaly

55.0128, 56.6414, 69.6614

Deuteranomaly

56.6291, 56.4589, 70.2003

Tritanomaly

54.8759, 56.5563, 70.3115

Monochromacy



Original Color

54.7501, 56.5060, 69.6491

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2623, 56.7057, 64.5853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7501, 56.5060, 69.6491 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(197, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 211)  
}
```

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(197, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 54.7501, 56.5060, 69.6491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

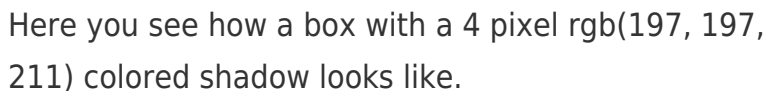
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 197, 211) }
```


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

```
.border{ border-color:rgb(197, 197, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7501, 56.5060, 69.6491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 211) }
```

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

```
.background{ background-color: rgb(197,  
197, 211) }
```

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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