

Converting Colors

XYZ(54.9904, 57.7077, 72.5310)

Have a look what the booklet for
XYZ(54.9904, 57.7077, 72.5310)
contains.

XYZ(54.9123, 57.5523, 72.5045)	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(54.9123, 57.5523,
72.5045)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C8D7
RGB	193, 200, 215
RGB Percent	76%, 78%, 84%
CMY	0.2431, 0.2157, 0.1569
CMYK	0.10, 0.07, 0.00, 0.16
HSL	221°, 22%, 80%
HSV	221°, 10%, 84%
XYZ	54.9123, 57.5523, 72.5045
YIQ	199.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

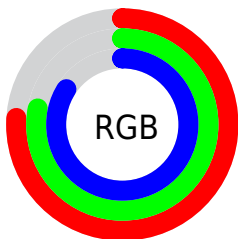
Format	Color
RYB	193, 198, 215
Decimal	12699863
CIELab	80.49, 0.53, -8.29
CIElCh	80, 8.305, 273.679
Yxy	57.5523, 0.2969, 0.3111
Android (android.graphics.Color)	4290889943 (0xFFC1C8D7)
YUV	199.6170, 7.5838, -5.8031
Hunter-Lab	75.8632, -3.5565, -3.5608

Details

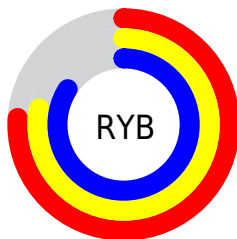
The XYZ color **54.9123, 57.5523, 72.5045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2060, 63.4086, 59.5189**, and the grayscale version is **54.6245, 57.4692, 62.5839**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **27.2715, 28.5848, 37.3378** is the 20% darker color. If you saturate the color by 10%, you get **46.5919, 48.4646, 71.1898**, and if you desaturate by 10%, it is **64.3583, 67.7064, 73.9675**.

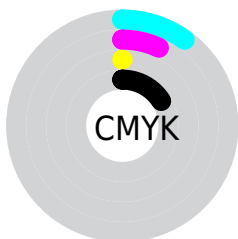
Distribution



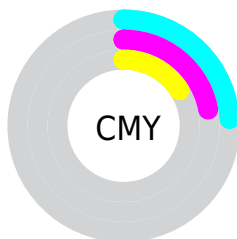
- Red (76%)
- Green (78%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9123, 57.5523, 72.5045 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 54.9123, 57.5523, 72.5045 by changing the saturation by 10% instead.

■ 54.9123, 57.5523,
72.5045

■ 54.9123, 57.5523,
72.5045

395.7212,
415.5156, 488.3203

■ 39.5651, 41.4488,
53.0815

■ 96.5615, 101.2706,
124.4879

■ 27.3823, 28.6700,
37.4797

123.5942,
129.6543, 157.8855

■ 17.9986, 18.8313,
25.2804

155.2528,
162.9001, 196.7783

■ 11.0487, 11.5484,
16.0652

191.9026,
201.3925, 241.5849

■ 6.1671, 6.4370,
9.4154

233.9090,
245.5158, 292.7239

■ 2.9886, 3.1126,
4.9126

281.6373,

■ 1.1477, 1.1908,

295.6545, 350.6137

2.1383

335.4530,
352.1930, 415.6731

■ 0.0645, 0.0542,
0.6384

■ 0.0000, 0.0000,
0.0000

■ 54.9123, 57.5523,
72.5045

■ 54.9123, 57.5523,
72.5045

■ 46.5919, 48.4646,
71.1898

■ 64.3583, 67.7064,
73.9675

■ 39.3487, 40.4002,
70.0150

■ 74.9657, 78.9538,
75.5794

■ 33.1381, 33.3235,
68.9764

■ 85.8485, 90.8516,
77.3023

■ 27.9104, 27.1942,
68.0688

■ 89.2659, 97.6864,
78.4414

■ 23.6116, 21.9686,
67.2868

■ 20.1819, 17.5996,
66.6242

■ 17.5541, 14.0348,
66.0747

■ 15.6497, 11.2149,
65.6307

■ 14.3597, 9.0939,
65.2893

Harmonies

Analogous

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



53.2616, 57.5523, 71.4586



54.9123, 57.5523, 72.5045



56.5391, 57.5523, 70.8032

Triad

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



54.9123, 57.5523, 72.5045



57.4742, 57.5523, 57.6031



51.8168, 57.5523, 58.5949

Complementary

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



54.9123, 57.5523, 72.5045



60.2060, 63.4086, 59.5189

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.



52.9046, 57.5523, 55.1750



54.9123, 57.5523, 72.5045



56.1676, 57.5523, 54.6235

Square

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



54.9123, 57.5523, 72.5045



58.0375, 57.5523, 62.0643



54.4917, 57.5523, 53.7580



51.4963, 57.5523, 63.2689

Rectangle

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



54.9123, 57.5523, 72.5045



57.3847, 57.5523, 68.3893



54.4917, 57.5523, 53.7580



52.1037, 57.5523, 57.2687

Sweetspot

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



54.9140, 57.5547, 72.5058



90.6502, 95.2956, 108.2239



57.6379, 64.4770, 68.8681



19.1568, 20.1334, 23.1264



0.0000, 0.0000, 0.0000



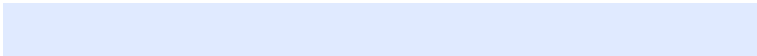
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9140, 57.5547, 72.5058



78.3775, 82.0570, 106.3154



54.2754, 54.8726, 72.0217



12.0621, 12.6475, 15.7430



8.6735, 5.6089, 39.0786



0.5968, 0.4857, 2.3816

Inverse Universe

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



57.5209, 56.7583, 62.5702



82.8748, 80.7352, 89.1633



60.8866, 66.3503, 60.0509



12.5845, 12.4853, 13.7523



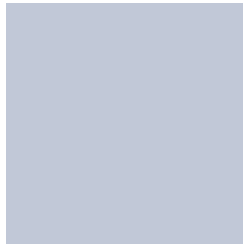
17.4369, 8.9111, 4.3386



1.0889, 0.5524, 0.4576

Previews

White Background



This preview shows how the XYZ color 54.9123, 57.5523, 72.5045 looks on a white background.

Color Contrast Check

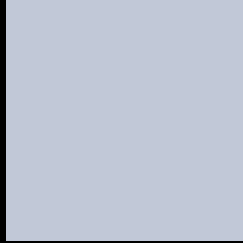
Large Text (above 18pt) WCAG AA × Fail

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 54.9123, 57.5523, 72.5045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

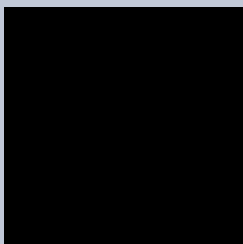
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

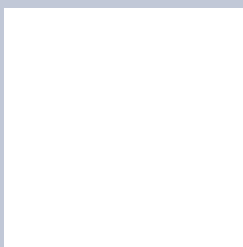
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9123, 57.5523, 72.5045

Background



This preview shows how black text looks on a background with the XYZ color 54.9123, 57.5523, 72.5045.

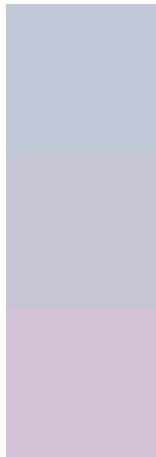


This preview shows how white text looks on a background with the XYZ color 54.9123, 57.5523,

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

54.9123, 57.5523, 72.5045

Protanopia

55.8849, 57.3853, 71.7494

Deuteranopia

58.5504, 57.3903, 72.9572



Tritanopia

55.0413, 57.6039, 73.1834

Trichromacy



Original Color

54.9123, 57.5523, 72.5045

Protanomaly

55.5870, 57.5722, 71.8011

Deuteranomaly

57.0364, 57.2751, 73.0148

Tritanomaly

55.0413, 57.6039, 73.1834

Monochromacy



Original Color

54.9123, 57.5523, 72.5045

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6997, 57.5866, 65.9900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9123, 57.5523, 72.5045 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(193, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 215)  
}
```

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(193, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.9123, 57.5523, 72.5045 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(193, 200, 215) }
```


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

```
.border{ border-color:rgb(193, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9123, 57.5523, 72.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 215) }
```

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

```
.background{ background-color: rgb(193,  
200, 215) }
```

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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