

Converting Colors

XYZ(54.7505, 56.7322, 57.6899)

Have a look what the booklet for
XYZ(54.7505, 56.7322, 57.6899)
contains.

XYZ(54.9343, 56.8601, 57.9489)	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(54.9343, 56.8601,
57.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC5C0
RGB	206, 197, 192
RGB Percent	81%, 77%, 75%
CMY	0.1922, 0.2274, 0.2471
CMYK	0.00, 0.04, 0.07, 0.19
HSL	21°, 13%, 78%
HSV	21°, 7%, 81%
XYZ	54.9343, 56.8601, 57.9489
YIQ	199.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

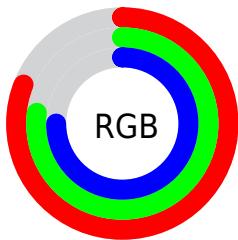
Format	Color
R_{YB}	206, 200, 192
Decimal	13551040
CIE Lab	80.10, 2.26, 3.61
CIE LCh	80, 4.263, 57.941
Yxy	56.8601, 0.3236, 0.3350
Android (android.graphics.Color)	4291741120 (0xFFCEC5C0)
YUV	199.1210, -3.5107, 6.0329
Hunter-Lab	75.4056, -1.9196, 7.2198

Details

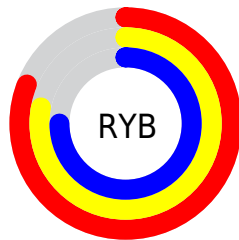
The XYZ color **54.9343, 56.8601, 57.9489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7654, 57.4351, 66.6456**, and the grayscale version is **54.3793, 57.2113, 62.3031**.

A 20% lighter version of the original color is **93.6251, 98.9209, 102.9660**, and **27.4316, 28.1844, 28.4204** is the 20% darker color. If you saturate the color by 10%, you get **49.9352, 50.2620, 45.7986**, and if you desaturate by 10%, it is **60.5201, 64.1189, 71.8724**.

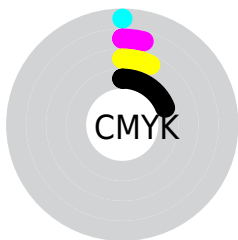
Distribution



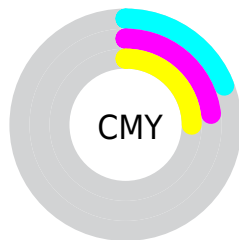
- Red (81%)
- Green (77%)
- Blue (75%)



- Red (81%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9343, 56.8601, 57.9489 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 54.9343, 56.8601, 57.9489 by changing the saturation by 10% instead.

■ 54.9343, 56.8601,
57.9489

■ 54.9343, 56.8601,
57.9489

395.8033,
412.9249, 434.5884

■ 39.5828, 40.8929,
41.3531

■ 96.5936, 100.2610,
103.3625

■ 27.3961, 28.2354,
28.2733

123.6320,
128.4636, 133.0174

■ 18.0091, 18.5032,
18.2910

155.2968,
161.5134, 167.8624

■ 11.0562, 11.3119,
10.9875

191.9533,
199.7948, 208.3161

■ 6.1722, 6.2770,
5.9444

233.9668,
243.6923, 254.7970

■ 2.9918, 3.0142,
2.7430

281.7028,

■ 1.1494, 1.1392,

293.5902, 307.7237

0.9650

335.5265,
349.8729, 367.5147

■ 0.0658, 0.0112,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9343, 56.8601,
57.9489

■ 54.9343, 56.8601,
57.9489

■ 49.9352, 50.2620,
45.7986

■ 60.5201, 64.1189,
71.8724

■ 45.4980, 44.2985,
35.3460

■ 66.7068, 72.0489,
87.6329

■ 41.6032, 38.9521,
26.5157

■ 73.5140, 80.6699,
105.2958

■ 38.2283, 34.2023,
19.2250

■ 77.6755, 88.6852,
107.6318

■ 35.3489, 30.0269,
13.3840

■ 79.2639, 91.8620,
108.1612

■ 32.9387, 26.4024,
8.8933

■ 30.9682, 23.3035,
5.6406

■ 29.4041, 20.7022,
3.4953

■ 28.2051, 18.5664,
2.2866

Harmonies

Analogous

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



55.5313, 56.8601, 59.6989



54.9343, 56.8601, 57.9489



54.1038, 56.8601, 57.2573

Triad

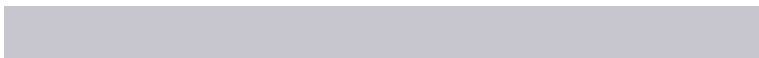
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9343, 56.8601, 57.9489



52.3935, 56.8601, 61.7394



54.8294, 56.8601, 66.2291

Complementary

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



54.9343, 56.8601, 57.9489



53.7654, 57.4351, 66.6456

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.



53.9839, 56.8601, 66.8102



54.9343, 56.8601, 57.9489



52.5832, 56.8601, 64.1771

Square

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



54.9343, 56.8601, 57.9489



52.6421, 56.8601, 59.4091



53.1630, 56.8601, 66.0497



55.4702, 56.8601, 64.4822

Rectangle

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



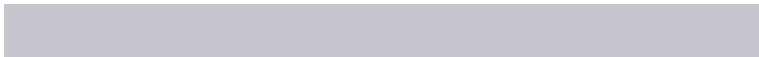
54.9343, 56.8601, 57.9489



53.5315, 56.8601, 57.4752



53.1630, 56.8601, 66.0497



54.5594, 56.8601, 66.5693

Sweetspot

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



54.9359, 56.8626, 57.9501



93.2030, 97.6027, 104.2872



54.8584, 55.0437, 63.0539



19.9687, 20.9162, 22.3701



0.0000, 0.0000, 0.0000



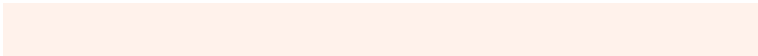
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9359, 56.8626, 57.9501



87.8974, 90.6745, 91.1638



56.5379, 60.0666, 58.4841



11.5350, 11.8589, 11.7605



17.2499, 11.2327, 1.2590



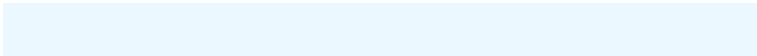
0.9612, 0.7221, 0.0887

Inverse Universe

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



53.7654, 57.4351, 66.6456



85.6570, 91.7701, 107.8065



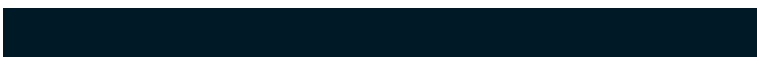
52.1937, 54.2916, 66.1217



11.1929, 12.0262, 14.3017



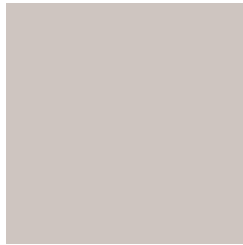
12.0668, 13.1575, 37.8599



0.6926, 0.8190, 1.9765

Previews

White Background



This preview shows how the XYZ color 54.9343, 56.8601, 57.9489 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 54.9343, 56.8601, 57.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

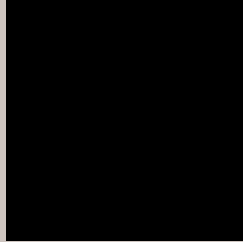
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9343, 56.8601, 57.9489

Background



This preview shows how black text looks on a background with the XYZ color 54.9343, 56.8601, 57.9489.

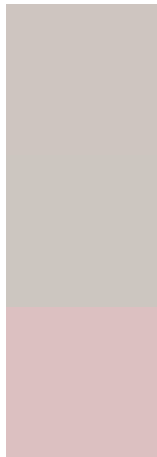


This preview shows how white text looks on a background with the XYZ color 54.9343, 56.8601,

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

54.9343, 56.8601, 57.9489

Protanopia

54.6104, 57.0313, 57.9990

Deuteranopia

57.9905, 56.7652, 58.3524



Tritanopia

57.2191, 56.7920, 68.9190

Trichromacy



Original Color

54.9343, 56.8601, 57.9489

Protanomaly

54.8853, 57.1731, 58.0119

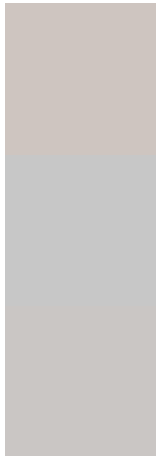
Deuteranomaly

56.9418, 56.8809, 58.4300

Tritanomaly

56.3070, 56.7519, 64.4864

Monochromacy



Original Color

54.9343, 56.8601, 57.9489

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5150, 56.9302, 60.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9343, 56.8601, 57.9489 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(206, 197, 192) looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 192)  
}
```

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(206, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.9343, 56.8601, 57.9489 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(206, 197, 192) }
```


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

```
.border{ border-color:rgb(206, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9343, 56.8601, 57.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 192) }
```

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

```
.background{ background-color: rgb(206,  
197, 192) }
```

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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