

Converting Colors

XYZ(56.3499, 57.2048, 54.7252)

Have a look what the booklet for
XYZ(56.3499, 57.2048, 54.7252)
contains.

XYZ(56.3344, 57.3212, 54.5493)	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(56.3344, 57.3212,
54.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C4BA
RGB	214, 196, 186
RGB Percent	84%, 77%, 73%
CMY	0.1608, 0.2314, 0.2706
CMYK	0.00, 0.08, 0.13, 0.16
HSL	21°, 25%, 78%
HSV	21°, 13%, 84%
XYZ	56.3344, 57.3212, 54.5493
YIQ	200.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

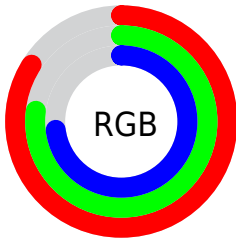
Format	Color
R _Y B	214, 202, 186
Decimal	14075066
CIE Lab	80.36, 4.65, 7.29
CIE LCh	80, 8.652, 57.452
Yxy	57.3212, 0.3349, 0.3408
Android (android.graphics.Color)	4292265146 (0xFFD6C4BA)
YUV	200.2420, -7.0213, 12.0658
Hunter-Lab	75.7108, 0.3233, 10.2793

Details

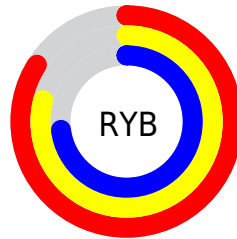
The XYZ color **56.3344, 57.3212, 54.5493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9798, 58.4786, 72.0613**, and the grayscale version is **55.0861, 57.9548, 63.1128**.

A 20% lighter version of the original color is **92.3923, 97.9214, 98.0355**, and **28.2047, 28.4104, 26.1875** is the 20% darker color. If you saturate the color by 10%, you get **51.2665, 50.5573, 42.4639**, and if you desaturate by 10%, it is **62.0306, 64.7953, 68.5265**.

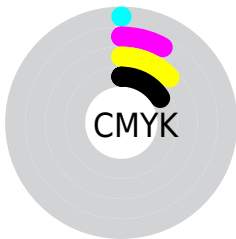
Distribution



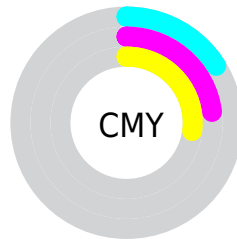
- Red (84%)
- Green (77%)
- Blue (73%)



- Red (84%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3344, 57.3212, 54.5493 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 56.3344, 57.3212, 54.5493 by changing the saturation by 10% instead.

 56.3344, 57.3212,
54.5493

 56.3344, 57.3212,
54.5493

401.0051,
414.6518, 421.4349

 40.7091, 41.2632,
38.6448


 98.6303, 100.9337,
98.3448

 28.2786, 28.5248,
26.1778

126.0317,
129.2570, 127.0729

 18.6773, 18.7216,
16.7298


158.0891,
162.4375, 160.9127

 11.5399, 11.4693,
9.8821

195.1680,
200.8596, 200.2826

 6.5012, 6.3834,
5.2163

237.6337,
244.9076, 245.6013

 3.1957, 3.0796,
2.3138

285.8516,

 1.2581, 1.1734,

294.9661, 297.2872

0.7389

340.1869,
351.4194, 355.7589

■ 0.1515, 0.0398,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3344, 57.3212,
54.5493

■ 56.3344, 57.3212,
54.5493

■ 51.2665, 50.5573,
42.4639

■ 62.0306, 64.7953,
68.5265

■ 46.7996, 44.4748,
32.1845

■ 68.3720, 72.9924,
84.4689

■ 42.9110, 39.0538,
23.6243

■ 75.3804, 81.9343,
102.4503

■ 39.5748, 34.2707,
16.6877

■ 80.2856, 90.5239,
107.8491

■ 36.7629, 30.1004,
11.2697

■ 81.5418, 93.0363,
108.2678

■ 34.4443, 26.5156,
7.2526

■ 32.5843, 23.4870,
4.5013

■ 31.1422, 20.9815,
2.8530

■ 30.3481, 19.5288,
2.1699

Harmonies

Analogous

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



57.5595, 57.3212, 58.0250



56.3344, 57.3212, 54.5493



54.6336, 57.3212, 53.1700

Triad

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



56.3344, 57.3212, 54.5493



51.1511, 57.3212, 61.9806



56.0668, 57.3212, 71.4718

Complementary

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



56.3344, 57.3212, 54.5493



53.9798, 58.4786, 72.0613

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.



54.3309, 57.3212, 72.6696



56.3344, 57.3212, 54.5493



51.5163, 57.3212, 67.0170

Square

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



56.3344, 57.3212, 54.5493



51.6622, 57.3212, 57.3128



52.6708, 57.3212, 70.9984



57.4027, 57.3212, 67.8073

Rectangle

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



56.3344, 57.3212, 54.5493



53.4674, 57.3212, 53.5657



52.6708, 57.3212, 70.9984



55.5096, 57.3212, 72.1846

Sweetspot

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



56.3360, 57.3237, 54.5505



91.3951, 95.2487, 99.7940



56.2142, 53.7839, 64.6717



19.4189, 20.2001, 21.0049



0.0000, 0.0000, 0.0000



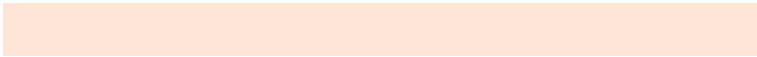
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3360, 57.3237, 54.5505



81.3610, 82.0408, 75.2996



59.5923, 63.8364, 55.6360



12.7827, 13.1397, 13.0232



18.4330, 11.9832, 1.3415



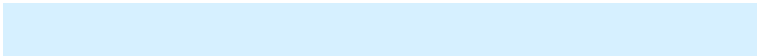
1.1888, 0.8768, 0.1066

Inverse Universe

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



53.9798, 58.4786, 72.0613



77.1246, 84.1155, 106.7788



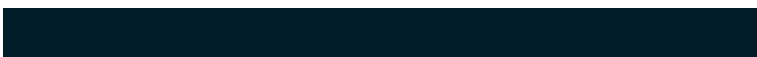
50.8448, 52.2085, 71.0163



12.4016, 13.3266, 15.8562



12.8915, 14.0447, 40.4846



0.8545, 1.0009, 2.4675

Previews

White Background



This preview shows how the XYZ color 56.3344, 57.3212, 54.5493 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 56.3344, 57.3212, 54.5493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

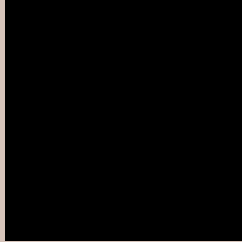
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3344, 57.3212, 54.5493

Background



This preview shows how black text looks on a background with the XYZ color 56.3344, 57.3212, 54.5493.

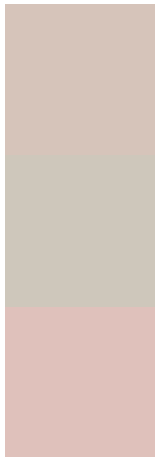


This preview shows how white text looks on a background with the XYZ color 56.3344, 57.3212, 54.5493.

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

56.3344, 57.3212, 54.5493

Protanopia

54.8467, 57.5565, 55.2325

Deuteranopia

58.4710, 57.4158, 55.0143



Tritanopia

59.0704, 57.4457, 67.6493

Trichromacy



Original Color

56.3344, 57.3212, 54.5493

Protanomaly

55.4582, 57.5313, 55.1954

Deuteranomaly

57.7766, 57.3871, 55.0454

Tritanomaly

58.0360, 57.3526, 62.6549

Monochromacy



Original Color

56.3344, 57.3212, 54.5493

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4506, 57.7661, 59.8572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3344, 57.3212, 54.5493 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(214, 196, 186) looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 186)  
}
```

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(214, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.3344, 57.3212, 54.5493 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(214, 196, 186) }
```


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

```
.border{ border-color:rgb(214, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3344, 57.3212, 54.5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 186) }
```

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

```
.background{ background-color: rgb(214,  
196, 186) }
```

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