

Converting Colors

XYZ(52.6204, 54.3567, 56.4226)

Have a look what the booklet for
XYZ(52.6204, 54.3567, 56.4226)
contains.

XYZ(52.7213, 54.4142, 56.4395)	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(52.7213, 54.4142,
56.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC1BE
RGB	202, 193, 190
RGB Percent	79%, 76%, 75%
CMY	0.2078, 0.2431, 0.2549
CMYK	0.00, 0.04, 0.06, 0.21
HSL	15°, 10%, 77%
HSV	15°, 6%, 79%
XYZ	52.7213, 54.4142, 56.4395
YIQ	195.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

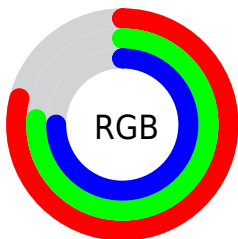
Format	Color
R _Y B	202, 194, 190
Decimal	13287870
CIE Lab	78.70, 2.62, 2.62
CIE LCh	79, 3.706, 45.019
Yxy	54.4142, 0.3223, 0.3327
Android (android.graphics.Color)	4291477950 (0xFFCAC1BE)
YUV	195.3490, -2.6371, 5.8329
Hunter-Lab	73.7660, -1.5147, 6.2725

Details

The XYZ color **52.7213, 54.4142, 56.4395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3191, 56.0572, 63.9402**, and the grayscale version is **52.0937, 54.8067, 59.6845**.

A 20% lighter version of the original color is **91.7502, 95.6652, 100.8182**, and **26.1062, 26.8582, 27.4751** is the 20% darker color. If you saturate the color by 10%, you get **47.4870, 47.2370, 44.5466**, and if you desaturate by 10%, it is **58.6075, 62.4042, 70.0607**.

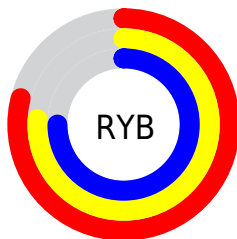
Distribution



Red (79%)

Green (76%)

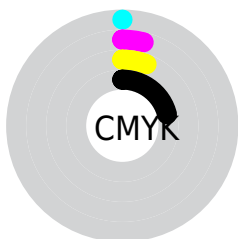
Blue (75%)



Red (79%)

Yellow (76%)

Blue (75%)

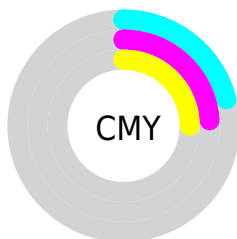


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7213, 54.4142, 56.4395 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 52.7213, 54.4142, 56.4395 by changing the saturation by 10% instead.

■ 52.7213, 54.4142,
56.4395

■ 52.7213, 54.4142,
56.4395

387.4933,
403.6875, 428.7805

■ 37.8069, 38.9329,
40.1490

■ 93.3621, 96.6821,
101.1391

■ 26.0094, 26.7075,
27.3401

119.8192,
124.2376, 130.3853

■ 16.9634, 17.3537,
17.5941

150.8546,
156.5865, 164.7872

■ 10.3035, 10.4870,
10.4926

186.8336,
194.1133, 204.7632

■ 5.6645, 5.7230,
5.6169

228.1217,
237.2025, 250.7321

■ 2.6809, 2.6774,
2.5486

275.0841,

■ 0.9873, 0.9657,

286.2383, 303.1122

0.8657

328.0862,
341.6052, 362.3221

■ 0.0000, 0.0000,
0.0000

■ 52.7213, 54.4142,
56.4395

■ 52.7213, 54.4142,
56.4395

■ 47.4870, 47.2370,
44.5466

■ 58.6075, 62.4042,
70.0607

■ 42.8774, 40.8400,
34.3091

■ 65.1627, 71.2243,
85.4721

■ 38.8697, 35.1986,
25.6543

■ 72.4089, 80.9001,
102.7368

■ 35.4382, 30.2845,
18.5025

■ 77.7160, 90.3941,
107.9595

■ 32.5552, 26.0673,
12.7671

■ 78.1673, 91.2967,
108.1099

■ 30.1907, 22.5146,
8.3524

■ 28.3114, 19.5912,
5.1511

■ 26.8797, 17.2584,
3.0384

■ 25.8511, 15.4724,
1.8595

Harmonies

Analogous

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



53.0917, 54.4142, 58.2084



52.7213, 54.4142, 56.4395



52.0841, 54.4142, 55.4351

Triad

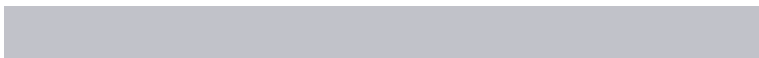
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.7213, 54.4142, 56.4395



50.3701, 54.4142, 58.2110



52.0850, 54.4142, 63.2307

Complementary

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



52.7213, 54.4142, 56.4395



52.3191, 56.0572, 63.9402

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.



51.3558, 54.4142, 63.2314



52.7213, 54.4142, 56.4395



50.3703, 54.4142, 60.2995

Square

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



52.7213, 54.4142, 56.4395



50.7290, 54.4142, 56.4413



50.7296, 54.4142, 62.1478



52.7220, 54.4142, 62.1458

Rectangle

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



52.7213, 54.4142, 56.4395



51.5959, 54.4142, 55.3188



50.7296, 54.4142, 62.1478



51.8424, 54.4142, 63.3586

Sweetspot

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



52.7228, 54.4166, 56.4407



93.0320, 97.2606, 104.2301



53.0800, 53.5078, 61.5638



19.9338, 20.8465, 22.3585



0.0000, 0.0000, 0.0000



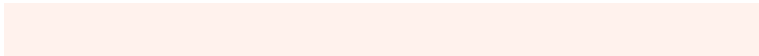
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7228, 54.4166, 56.4407



88.1866, 90.6603, 93.0870



54.0754, 57.1217, 56.8915



11.6649, 11.9744, 12.2486



16.4835, 9.6999, 1.0035



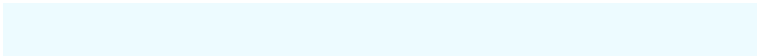
0.9125, 0.6247, 0.0725

Inverse Universe

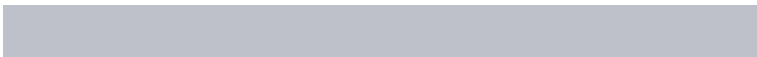
The Inverse Universe completely reimagines the original color for something new.



52.3191, 56.0572, 63.9402



87.3763, 93.9526, 108.1372



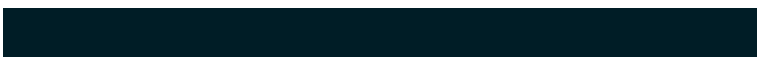
50.9666, 53.3521, 63.4894



11.5511, 12.4367, 14.3621



14.1004, 17.2248, 38.5378



0.7854, 1.0045, 2.0074

Previews

White Background



This preview shows how the XYZ color 52.7213, 54.4142, 56.4395 looks on a white background.

Color Contrast Check

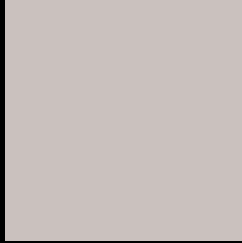
Large Text (above 18pt) WCAG AA × Fail

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 52.7213, 54.4142, 56.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

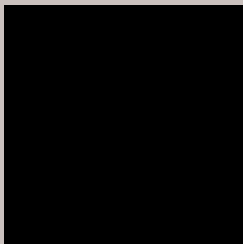
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

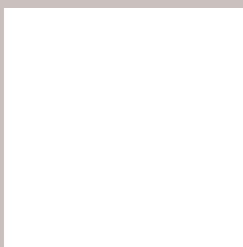
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7213, 54.4142, 56.4395

Background



This preview shows how black text looks on a background with the XYZ color 52.7213, 54.4142, 56.4395.



This preview shows how white text looks on a background with the XYZ color 52.7213, 54.4142,

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

52.7213, 54.4142, 56.4395

Protanopia

52.1392, 54.4434, 56.4758

Deuteranopia

55.4115, 54.1751, 56.8266



Tritanopia

54.6732, 54.5552, 66.0411

Trichromacy



Original Color

52.7213, 54.4142, 56.4395

Protanomaly

52.4055, 54.5806, 56.4882

Deuteranomaly

54.3958, 54.2901, 56.9023

Tritanomaly

53.9036, 54.5659, 62.3348

Monochromacy



Original Color

52.7213, 54.4142, 56.4395

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2061, 54.4396, 58.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7213, 54.4142, 56.4395 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, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 190)  
}
```

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, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.7213, 54.4142, 56.4395 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, 193, 190) }
```


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

```
.border{ border-color:rgb(202, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7213, 54.4142, 56.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 190) }
```

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

```
.background{ background-color: rgb(202,  
193, 190) }
```

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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