

Converting Colors

XYZ(53.3200, 53.7969, 55.4197)

Have a look what the booklet for
XYZ(53.3200, 53.7969, 55.4197)
contains.

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Color

**XYZ(53.2227, 53.7231,
55.1414)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFBEBC |
| RGB | 207, 190, 188 |
| RGB Percent | 81%, 75%, 74% |
| CMY | 0.1882, 0.2549, 0.2627 |
| CMYK | 0.00, 0.08, 0.09, 0.19 |
| HSL | 6°, 17%, 77% |
| HSV | 6°, 9%, 81% |
| XYZ | 53.2227, 53.7231, 55.1414 |
| YIQ | 194.8550, 10.7740, 2.9820 |

Conversions

Conversions Part 2

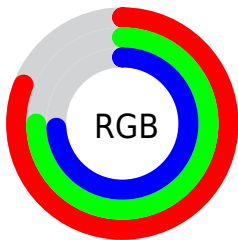
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 190, 188 |
| Decimal | 13614780 |
| CIE Lab | 78.30, 5.65, 3.17 |
| CIE LCh | 78, 6.481, 29.269 |
| Yxy | 53.7231, 0.3284, 0.3314 |
| Android (android.graphics.Color) | 4291804860 (0xFFCFBEB3) |
| YUV | 194.8550, -3.3795, 10.6512 |
| Hunter-Lab | 73.2960, 1.3467, 6.7027 |

Details

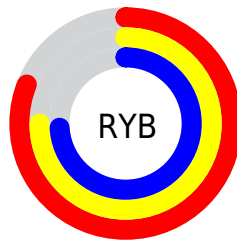
The XYZ color **53.2227, 53.7231, 55.1414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8328, 58.8581, 67.5557**, and the grayscale version is **51.8017, 54.4994, 59.3498**.

A 20% lighter version of the original color is **90.5249, 93.7032, 98.9033**, and **26.4557, 26.4129, 26.6255** is the 20% darker color. If you saturate the color by 10%, you get **47.3906, 45.3771, 42.9663**, and if you desaturate by 10%, it is **59.8875, 63.2210, 69.1745**.

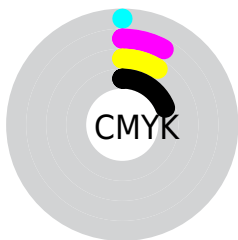
Distribution



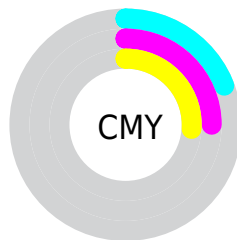
- Red (81%)
- Green (75%)
- Blue (74%)



- Red (81%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2227, 53.7231, 55.1414 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 53.2227, 53.7231, 55.1414 by changing the saturation by 10% instead.


 53.2227, 53.7231,
55.1414

 53.2227, 53.7231,
55.1414


389.3858,
401.0532, 423.7447

 38.2088, 38.3803,
39.1156


 94.0956, 95.6676,
99.2213

 26.3227, 26.2780,
26.5411


120.6853,
123.0380, 128.1125

 17.1992, 17.0317,
16.9995


151.8642,
155.1865, 162.1292

 10.4728, 10.2571,
10.0722

187.9978,
192.4975, 201.6900

 5.7782, 5.5698,
5.3406

229.4514,
235.3552, 247.2134

 2.7501, 2.5853,
2.3863

276.5904,

 1.0230, 0.9193,

284.1441, 299.1180

0.7789

329.7801,
339.2487, 357.8223

■ 0.0000, 0.0000,
0.0000

■ 53.2227, 53.7231,
55.1414

■ 53.2227, 53.7231,
55.1414

■ 47.3906, 45.3771,
42.9663

■ 59.8875, 63.2210,
69.1745

■ 42.3540, 38.1323,
32.5679

■ 67.4114, 73.9050,
85.1352

■ 38.0798, 31.9450,
23.8642

■ 75.8249, 85.8164,
103.0939

■ 34.5305, 26.7655,
16.7651

■ 79.5425, 92.0056,
108.1743

■ 31.6658, 22.5404,
11.1725

■ 29.4410, 19.2111,
6.9772

■ 27.8064, 16.7127,
4.0555

■ 26.7044, 14.9715,
2.2618

■ 26.0551, 13.8960,
1.3578

Harmonies

Analogous

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



53.5437, 53.7231, 58.5846



53.2227, 53.7231, 55.1414



52.3206, 53.7231, 52.6859

Triad

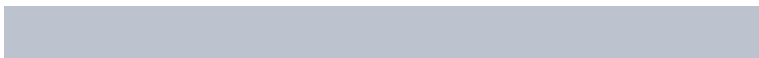
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2227, 53.7231, 55.1414



48.9913, 53.7231, 54.9930



51.0311, 53.7231, 65.7726

Complementary

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



53.2227, 53.7231, 55.1414



53.8328, 58.8581, 67.5557

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.



49.8242, 53.7231, 64.7168



53.2227, 53.7231, 55.1414



48.6586, 53.7231, 58.4062

Square

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



53.2227, 53.7231, 55.1414



49.8773, 53.7231, 52.6028



48.9610, 53.7231, 61.9826



52.2657, 53.7231, 64.8122

Rectangle

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



53.2227, 53.7231, 55.1414



51.5183, 53.7231, 51.8880



48.9610, 53.7231, 61.9826



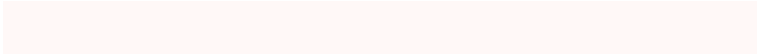
50.6088, 53.7231, 65.6410

Sweetspot

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



53.2242, 53.7255, 55.1425



91.6982, 95.2282, 101.8270



54.7476, 53.6452, 65.2907



19.4400, 20.1161, 21.4008



0.0000, 0.0000, 0.0000



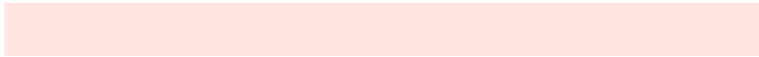
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2242, 53.7255, 55.1425



83.3694, 83.3456, 84.3301



55.3256, 57.9282, 55.8430



11.9076, 12.0060, 12.3018



16.4246, 8.7822, 0.8295



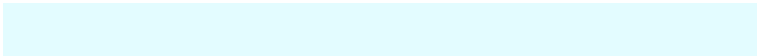
0.9532, 0.5607, 0.0580

Inverse Universe

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



53.8328, 58.8581, 67.5557



84.5364, 93.1901, 108.1397



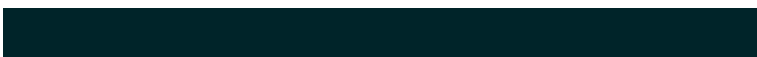
51.6521, 54.4968, 66.8288



12.0475, 13.1852, 15.1537



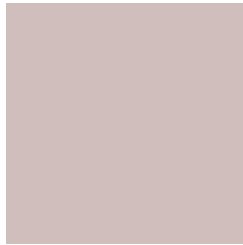
18.0907, 24.8281, 41.0313



1.0428, 1.4508, 2.3046

Previews

White Background



This preview shows how the XYZ color 53.2227, 53.7231, 55.1414 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 53.2227, 53.7231, 55.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

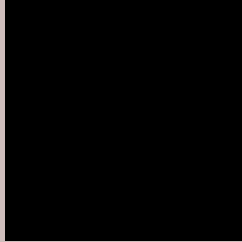
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2227, 53.7231, 55.1414

Background



This preview shows how black text looks on a background with the XYZ color 53.2227, 53.7231, 55.1414.



This preview shows how white text looks on a background with the XYZ color 53.2227, 53.7231,

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

53.2227, 53.7231, 55.1414

Protanopia

51.6529, 53.8634, 56.3895

Deuteranopia

54.6872, 53.5109, 55.5904



Tritanopia

55.0572, 53.8335, 63.9890

Trichromacy



Original Color

53.2227, 53.7231, 55.1414

Protanomaly

52.1223, 53.7909, 55.7797

Deuteranomaly

54.0325, 53.4894, 55.6208

Tritanomaly

54.4031, 53.8823, 60.9591

Monochromacy



Original Color

53.2227, 53.7231, 55.1414

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1376, 54.0878, 57.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2227, 53.7231, 55.1414 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(207, 190, 188)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 188)  
}
```

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(207, 190, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.2227, 53.7231, 55.1414 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(207, 190, 188) }
```


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

```
.border{ border-color:rgb(207, 190, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 188);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2227, 53.7231, 55.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 188) }
```

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

```
.background{ background-color: rgb(207,  
190, 188) }
```

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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