

Converting Colors

XYZ(55.0694, 52.2948, 50.2894)

Have a look what the booklet for
XYZ(55.0694, 52.2948, 50.2894)
contains.

| | |
|--|----|
| XYZ(55.0904, 52.2808, 50.3676) | 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(55.0904, 52.2808,
50.3676)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DEB6B4 |
| RGB | 222, 182, 180 |
| RGB Percent | 87%, 71%, 71% |
| CMY | 0.1294, 0.2863, 0.2941 |
| CMYK | 0.00, 0.18, 0.19, 0.13 |
| HSL | 3°, 39%, 79% |
| HSV | 3°, 19%, 87% |
| XYZ | 55.0904, 52.2808, 50.3676 |
| YIQ | 193.7320, 24.4820, 7.8580 |

Conversions

Conversions Part 2

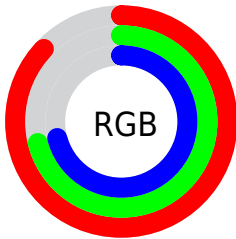
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 222, 182, 180 |
| Decimal | 14595764 |
| CIE Lab | 77.45, 14.09, 6.44 |
| CIE LCh | 77, 15.492, 24.566 |
| Yxy | 52.2808, 0.3493, 0.3314 |
| Android (android.graphics.Color) | 4292785844 (0xFFDEB6B4) |
| YUV | 193.7320, -6.7699, 24.7910 |
| Hunter-Lab | 72.3055, 9.4667, 9.3127 |

Details

The XYZ color **55.0904, 52.2808, 50.3676** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5999, 66.1620, 78.8425**, and the grayscale version is **51.1496, 53.8133, 58.6027**.

A 20% lighter version of the original color is **86.9549, 88.4652, 91.8494**, and **27.4069, 25.3398, 23.5252** is the 20% darker color. If you saturate the color by 10%, you get **49.0001, 43.4340, 38.0591**, and if you desaturate by 10%, it is **62.1994, 62.5845, 64.8039**.

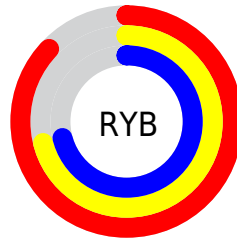
Distribution



Red (87%)

Green (71%)

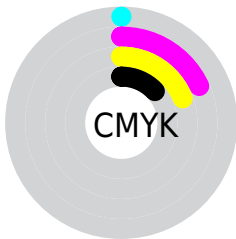
Blue (71%)



Red (87%)

Yellow (71%)

Blue (71%)

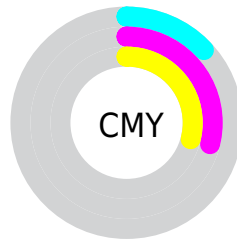


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0904, 52.2808, 50.3676 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 55.0904, 52.2808, 50.3676 by changing the saturation by 10% instead.


 55.0904, 52.2808,
50.3676

 55.0904, 52.2808,
50.3676


396.3854,
395.5197, 404.8779

 39.7082, 37.2289,
35.3323


 96.8209, 93.5452,
92.1212

 27.4943, 25.3848,
23.6334


123.9000,
120.5266, 119.6766

 18.0833, 16.3640,
14.8522


155.6088,
152.2532, 152.2425

 11.1099, 9.7821,
8.5703

192.3126,
189.1096, 190.2374

 6.2086, 5.2547,
4.3690

234.3768,
231.4800, 234.0799

 3.0142, 2.3975,
1.8299

282.1668,

 1.1613, 0.8246,

279.7489, 284.1884

0.4476

336.0478,
334.3007, 340.9816

■ 0.0755, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0904, 52.2808,
50.3676

■ 55.0904, 52.2808,
50.3676

■ 49.0001, 43.4340,
38.0591

■ 62.1994, 62.5845,
64.8039

■ 43.8779, 35.9716,
27.7748

■ 70.3663, 74.3990,
81.4585

■ 39.6750, 29.8257,
19.4073

■ 79.6334, 87.7843,
100.4205

■ 36.3371, 24.9199,
12.8379

■ 83.9344, 94.2697,
108.3798

■ 33.8039, 21.1700,
7.9349

■ 32.0074, 18.4811,
4.5485

■ 30.8682, 16.7434,
2.5021

■ 30.2800, 15.8198,
1.5265

■ 30.2395, 15.7598,
1.4482

Harmonies

Analogous

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



55.6204, 52.2808, 58.4942



55.0904, 52.2808, 50.3676



53.0901, 52.2808, 44.5667

Triad

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



55.0904, 52.2808, 50.3676



45.1646, 52.2808, 47.9258



49.1503, 52.2808, 74.8861

Complementary

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



55.0904, 52.2808, 50.3676



57.5999, 66.1620, 78.8425

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.



46.4408, 52.2808, 71.3794



55.0904, 52.2808, 50.3676



44.1993, 52.2808, 55.3840

Square

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



55.0904, 52.2808, 50.3676



47.3456, 52.2808, 43.2588



44.6571, 52.2808, 64.0280



52.1133, 52.2808, 73.2030

Rectangle

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



55.0904, 52.2808, 50.3676



51.2329, 52.2808, 42.5184



44.6571, 52.2808, 64.0280



48.1810, 52.2808, 74.2654

Sweetspot

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



55.0918, 52.2832, 50.3687



88.2105, 90.1072, 94.9478



59.4439, 53.3719, 75.2968



18.7283, 19.0661, 20.0123



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.



55.0918, 52.2832, 50.3687



71.7014, 66.1768, 61.4280



59.5775, 61.2545, 51.8639



13.7594, 13.8048, 14.2462



17.9843, 9.4065, 0.8678



1.2654, 0.6896, 0.0664

Inverse Universe

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



57.5999, 66.1620, 78.8425



75.7797, 88.7500, 107.7442



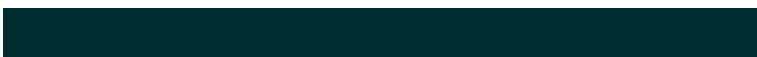
52.5696, 56.1014, 77.1657



14.0576, 15.4543, 17.6298



21.7519, 30.9734, 45.8804



1.5252, 2.1819, 3.1860

Previews

White Background



This preview shows how the XYZ color 55.0904, 52.2808, 50.3676 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 55.0904, 52.2808, 50.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

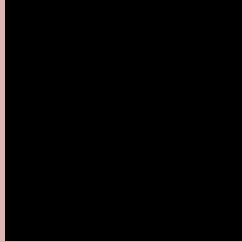
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0904, 52.2808, 50.3676

Background



This preview shows how black text looks on a background with the XYZ color 55.0904, 52.2808, 50.3676.



This preview shows how white text looks on a background with the XYZ color 55.0904, 52.2808,

50.3676.

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

55.0904, 52.2808, 50.3676

Protanopia

50.4137, 52.6347, 53.4014

Deuteranopia

53.5100, 52.3997, 49.9417



Tritanopia

56.7993, 52.3849, 58.1566

Trichromacy



Original Color

55.0904, 52.2808, 50.3676

Protanomaly

51.9841, 52.5071, 52.1948

Deuteranomaly

54.1906, 52.4411, 49.9138

Tritanomaly

56.1406, 52.4098, 55.3013

Monochromacy



Original Color

55.0904, 52.2808, 50.3676

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5006, 53.3384, 55.6724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0904, 52.2808, 50.3676 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(222, 182, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 182, 180)  
}
```

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(222, 182, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.0904, 52.2808, 50.3676 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(222, 182, 180) }
```


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

```
.border{ border-color:rgb(222, 182, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 182, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0904, 52.2808, 50.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 180) }
```

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

```
.background{ background-color: rgb(222,  
182, 180) }
```

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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