

Converting Colors

XYZ(52.7751, 55.2090, 21.7848)

Have a look what the booklet for
XYZ(52.7751, 55.2090, 21.7848)
contains.

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Color

**XYZ(52.7751, 55.2090,
21.7848)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C16B
RGB	225, 193, 107
RGB Percent	88%, 76%, 42%
CMY	0.1176, 0.2431, 0.5804
CMYK	0.00, 0.14, 0.52, 0.12
HSL	44°, 66%, 65%
HSV	44°, 52%, 88%
XYZ	52.7751, 55.2090, 21.7848
YIQ	192.7640, 46.6780, -19.9620

Conversions

Conversions Part 2

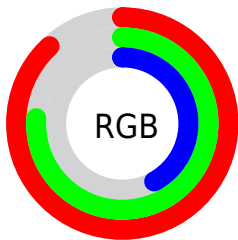
Format	Color
RYB	151, 225, 107
Decimal	14795115
CIELab	79.16, 0.78, 47.10
CIELCh	79, 47.103, 89.049
Yxy	55.2090, 0.4067, 0.4254
Android (android.graphics.Color)	4292985195 (0xFFE1C16B)
YUV	192.7640, -42.2817, 28.2710
Hunter-Lab	74.3028, -3.2464, 34.6287

Details

The XYZ color **52.7751, 55.2090, 21.7848** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.8863, 27.0263, 74.9279**, and the grayscale version is **50.7724, 53.4165, 58.1705**.

A 20% lighter version of the original color is **81.4608, 91.5494, 46.6351**, and **26.0282, 27.2572, 7.6307** is the 20% darker color. If you saturate the color by 10%, you get **50.4214, 52.1560, 15.9007**, and if you desaturate by 10%, it is **55.4951, 58.5017, 29.3115**.

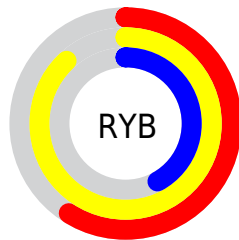
Distribution



Red (88%)

Green (76%)

Blue (42%)



Red (59%)

Yellow (88%)

Blue (42%)

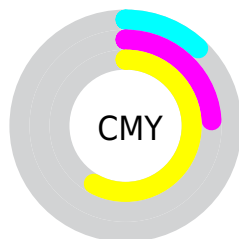


Cyan (0%)

Magenta (14%)

Yellow (52%)

Black (12%)



Cyan (12%)

Magenta (24%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7751, 55.2090, 21.7848 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 52.7751, 55.2090, 21.7848 by changing the saturation by 10% instead.

■ 52.7751, 55.2090,
21.7848

■ 52.7751, 55.2090,
21.7848

387.6967,
406.7037, 274.3371

■ 37.8500, 39.5691,
13.5021

■ 93.4408, 97.8471,
47.2877

■ 26.0430, 27.2027,
7.6404

■ 119.9122,
125.6141, 65.3449

■ 16.9887, 17.7255,
3.7813

■ 150.9630,
158.1922, 87.4974

■ 10.3217, 10.7531,
1.5061

■ 186.9587,
195.9658, 114.1636

■ 5.6766, 5.9011,
0.2225

228.2645,
239.3194, 145.7621

■ 2.6883, 2.7850,
0.0000

275.2459,

■ 0.9911, 1.0206,

288.6373, 182.7116

0.0000

328.2682,
344.3040, 225.4304

■ 0.0000, 0.0000,
0.0000

■ 52.7751, 55.2090,
21.7848

■ 52.7751, 55.2090,
21.7848

■ 50.4214, 52.1560,
15.9007

■ 55.4951, 58.5017,
29.3115

■ 48.4049, 49.3237,
11.5270

■ 58.5998, 62.0364,
38.5925

■ 46.6982, 46.7022,
8.5166

■ 62.1110, 65.8247,
49.7335

■ 45.2667, 44.2766,
6.6908

■ 66.0477, 69.8753,
62.8309

■ 44.3255, 42.5560,
5.8779

■ 70.4275, 74.1962,
77.9744

■ 75.2668, 78.7950,
95.2481

■ 79.0132, 83.0516,
106.4739

■ 80.7970, 86.6191,
107.0684

■ 82.6413, 90.3078,
107.6832

Harmonies

Analogous

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



62.3318, 55.2090, 25.7470



52.7751, 55.2090, 21.7848



44.1771, 55.2090, 25.2618

Triad

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



52.7751, 55.2090, 21.7848



38.2044, 55.2090, 88.9191



69.5550, 55.2090, 90.8653

Complementary

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



52.7751, 55.2090, 21.7848



28.8863, 27.0263, 74.9279

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.



61.7508, 55.2090, 117.6827



52.7751, 55.2090, 21.7848



43.7154, 55.2090, 116.3431

Square

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



52.7751, 55.2090, 21.7848



36.3953, 55.2090, 59.2580



52.1750, 55.2090, 128.1601



72.7044, 55.2090, 60.9766

Rectangle

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



52.7751, 55.2090, 21.7848



39.9709, 55.2090, 32.1648



52.1750, 55.2090, 128.1601



67.3464, 55.2090, 100.8311

Sweetspot

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



52.7764, 55.2116, 21.7859



85.7351, 90.7891, 76.7576



41.0749, 28.4297, 28.3020



18.1181, 19.1935, 15.6542



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.



52.7764, 55.2116, 21.7859



66.6803, 68.8827, 20.4535



53.2474, 67.1132, 24.0583



14.5410, 15.3681, 14.5067



25.6441, 24.7261, 3.4210



1.8505, 1.8600, 0.2615

Inverse Universe

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



28.8863, 27.0263, 74.9279



31.7774, 27.7689, 98.2928



28.4534, 20.9036, 73.7689



13.2529, 13.8450, 17.3615



8.8765, 5.2226, 41.5886



0.6885, 0.5085, 2.9071

Previews

White Background



This preview shows how the XYZ color 52.7751, 55.2090, 21.7848 looks on a white background.

Color Contrast Check

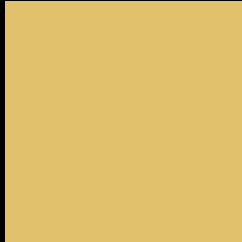
Large Text (above 18pt) WCAG AA × Fail

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 52.7751, 55.2090, 21.7848 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 52.7751, 55.2090, 21.7848

Background



This preview shows how black text looks on a background with the XYZ color 52.7751, 55.2090, 21.7848.



This preview shows how white text looks on a background with the XYZ color 52.7751, 55.2090,

21.7848.

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

52.7751, 55.2090, 21.7848

Protanopia

50.7656, 55.1615, 22.1590

Deuteranopia

56.4123, 55.1486, 21.8589



Tritanopia

60.6158, 55.2218, 60.2874

Trichromacy



Original Color

52.7751, 55.2090, 21.7848

Protanomaly

51.4353, 55.1730, 22.1259

Deuteranomaly

55.1653, 55.1401, 21.9229

Tritanomaly

57.1043, 55.0440, 42.7368

Monochromacy



Original Color

52.7751, 55.2090, 21.7848

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7684, 53.7277, 41.8771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7751, 55.2090, 21.7848 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(225, 193, 107)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 107)  
}
```

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(225, 193, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 107) }
```

Border

The CSS property to change the border of an element to XYZ 52.7751, 55.2090, 21.7848 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(225, 193, 107) }
```


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

```
.border{ border-color:rgb(225, 193, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 107);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7751, 55.2090, 21.7848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 107) }
```

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

```
.background{ background-color: rgb(225,  
193, 107) }
```

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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