

Converting Colors

XYZ(55.6456, 54.7024, 21.5357)

Have a look what the booklet for
XYZ(55.6456, 54.7024, 21.5357)
contains.

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Color

**XYZ(55.6841, 54.7793,
21.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBB6B
RGB	238, 187, 107
RGB Percent	93%, 73%, 42%
CMY	0.0667, 0.2666, 0.5804
CMYK	0.00, 0.21, 0.55, 0.07
HSL	37°, 79%, 68%
HSV	37°, 55%, 93%
XYZ	55.6841, 54.7793, 21.5485
YIQ	193.1290, 56.0760, -14.0680

Conversions

Conversions Part 2

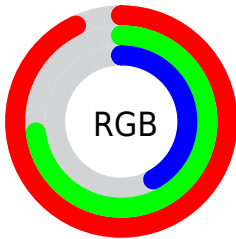
Format	Color
RYB	191, 238, 107
Decimal	15645547
CIELab	78.91, 9.26, 47.09
CIELCh	79, 47.997, 78.870
Yxy	54.7793, 0.4218, 0.4150
Android (android.graphics.Color)	4293835627 (0xFFEEBB6B)
YUV	193.1290, -42.4616, 39.3519
Hunter-Lab	74.0130, 4.7726, 34.5472

Details

The XYZ color **55.6841, 54.7793, 21.5485** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.7224, 33.7513, 85.6260**, and the grayscale version is **50.9845, 53.6396, 58.4136**.

A 20% lighter version of the original color is **79.6358, 87.8992, 46.0267**, and **27.8293, 26.9194, 7.4706** is the 20% darker color. If you saturate the color by 10%, you get **52.6980, 50.5428, 15.2029**, and if you desaturate by 10%, it is **59.1442, 59.4126, 29.7531**.

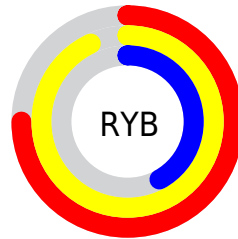
Distribution



Red (93%)

Green (73%)

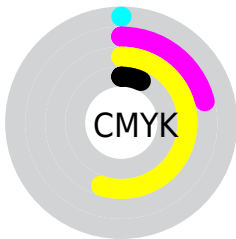
Blue (42%)



Red (75%)

Yellow (93%)

Blue (42%)

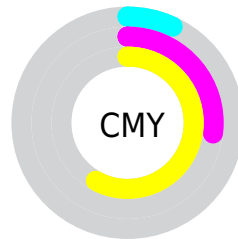


Cyan (0%)

Magenta (21%)

Yellow (55%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6841, 54.7793, 21.5485 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 55.6841, 54.7793, 21.5485 by changing the saturation by 10% instead.

55.6841, 54.7793,
21.5485

55.6841, 54.7793,
21.5485

398.5943,
405.0748, 273.0554

40.1857, 39.2250,
13.3304

97.6850, 97.2175,
46.8912

27.8682, 26.9348,
7.5231

124.9183,
124.8703, 64.8529

18.3663, 17.5243,
3.7079

156.7939,
157.3247, 86.8995

11.3146, 10.6090,
1.4665

193.6772,
194.9651, 113.4496

6.3477, 5.8046,
0.1928

235.9335,
238.1759, 144.9217

3.1003, 2.7266,
0.0000

283.9282,

1.2070, 0.9907,

287.3415, 181.7343

0.0000

338.0267,
342.8464, 224.3061

■ 0.1119, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6841, 54.7793,
21.5485

■ 55.6841, 54.7793,
21.5485

■ 52.6980, 50.5428,
15.2029

■ 59.1442, 59.4126,
29.7531

■ 50.1505, 46.6787,
10.5593


■ 63.1025, 64.4496,
39.9496


■ 48.0069, 43.1714,
7.4401


■ 67.5857, 69.9068,
52.2627


■ 46.2229, 39.9991,
5.6259


■ 72.6175, 75.7971,
66.8057

 45.4393, 38.5360,
5.0433

 78.2198, 82.1327,
83.6836

 84.4134, 88.9253,
102.9951

 88.0759, 94.9292,
108.2888

 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



65.0737, 54.7793, 28.2050



55.6841, 54.7793, 21.5485



46.3613, 54.7793, 22.4921

Triad

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



55.6841, 54.7793, 21.5485



36.5797, 54.7793, 78.2803



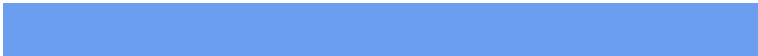
67.1245, 54.7793, 101.2539

Complementary

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



55.6841, 54.7793, 21.5485



33.7224, 33.7513, 85.6260

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.



58.2206, 54.7793, 124.3637



55.6841, 54.7793, 21.5485



40.9187, 54.7793, 108.5515

Square

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



55.6841, 54.7793, 21.5485



36.0761, 54.7793, 50.0775



48.6083, 54.7793, 127.3804



72.1956, 54.7793, 70.3603

Rectangle

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



55.6841, 54.7793, 21.5485



41.3920, 54.7793, 27.4053



48.6083, 54.7793, 127.3804



64.4336, 54.7793, 110.5466

Sweetspot

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



55.6854, 54.7819, 21.5496



83.6905, 87.2177, 74.4799



46.8106, 31.2101, 36.5407



17.6537, 18.3665, 15.1850



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.



55.6854, 54.7819, 21.5496



61.2503, 58.5477, 17.0253



64.2486, 78.2020, 25.6188



16.5763, 17.3658, 16.6280



25.4800, 21.7580, 2.8568



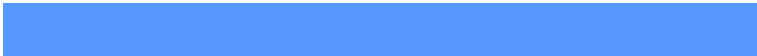
2.2160, 2.0027, 0.2698

Inverse Universe

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



33.7224, 33.7513, 85.6260



33.2156, 31.7580, 98.9870



28.4504, 20.6893, 83.3827



15.4019, 16.2379, 20.0441



10.8931, 8.0105, 46.0999



1.0001, 0.8542, 3.8664

Previews

White Background



This preview shows how the XYZ color 55.6841, 54.7793, 21.5485 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 55.6841, 54.7793, 21.5485 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 55.6841, 54.7793, 21.5485

Background



This preview shows how black text looks on a background with the XYZ color 55.6841, 54.7793, 21.5485.



This preview shows how white text looks on a background with the XYZ color 55.6841, 54.7793,

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

55.6841, 54.7793, 21.5485

Protanopia

50.5787, 55.0527, 22.7123

Deuteranopia

56.0208, 54.9529, 21.5643



Tritanopia

62.7823, 54.6183, 56.5236

Trichromacy



Original Color

55.6841, 54.7793, 21.5485

Protanomaly

52.2617, 54.9320, 22.3165

Deuteranomaly

56.0208, 54.9529, 21.5643

Tritanomaly

59.4870, 54.4631, 40.6348

Monochromacy



Original Color

55.6841, 54.7793, 21.5485

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4469, 53.4255, 41.7830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6841, 54.7793, 21.5485 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(238, 187, 107)` looks like.

```
.text, #text, p{  
    color:rgb(238, 187, 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(238, 187, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 187, 107) }
```

Border

The CSS property to change the border of an element to XYZ 55.6841, 54.7793, 21.5485 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(238, 187, 107) }
```


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

```
.border{ border-color:rgb(238, 187, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 187, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 187, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 187, 107);  
box-shadow:4px 4px 4px 4px rgb(238, 187,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6841, 54.7793, 21.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 187, 107) }
```

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

```
.background{ background-color: rgb(238,  
187, 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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