

Converting Colors

XYZ(54.5124, 54.4812, 18.8779)

Have a look what the booklet for
XYZ(54.5124, 54.4812, 18.8779)
contains.

XYZ(54.7330, 54.6624, 18.9754)	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(54.7330, 54.6624,
18.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBC61
RGB	236, 188, 97
RGB Percent	93%, 74%, 38%
CMY	0.0745, 0.2627, 0.6196
CMYK	0.00, 0.20, 0.59, 0.07
HSL	39°, 79%, 65%
HSV	39°, 59%, 93%
XYZ	54.7330, 54.6624, 18.9754
YIQ	191.9780, 57.8190, -18.1250

Conversions

Conversions Part 2

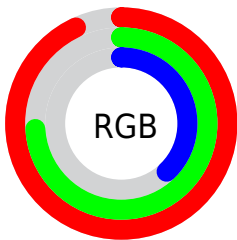
Format	Color
RYB	170, 236, 97
Decimal	15514721
CIELab	78.85, 7.16, 51.81
CIElCh	79, 52.307, 82.132
Yxy	54.6624, 0.4264, 0.4258
Android (android.graphics.Color)	4293704801 (0xFFECBC61)
YUV	191.9780, -46.8242, 38.6073
Hunter-Lab	73.9340, 2.7581, 36.5369

Details

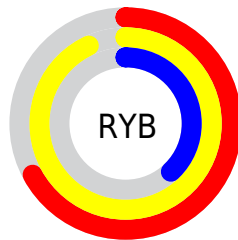
The XYZ color **54.7330, 54.6624, 18.9754** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.1951, 28.8472, 83.3332**, and the grayscale version is **50.3325, 52.9537, 57.6666**.

A 20% lighter version of the original color is **79.0957, 88.1634, 41.7026**, and **27.2691, 26.8645, 6.2308** is the 20% darker color. If you saturate the color by 10%, you get **52.1005, 50.9043, 13.4531**, and if you desaturate by 10%, it is **57.7937, 58.7533, 26.2561**.

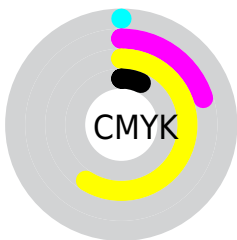
Distribution



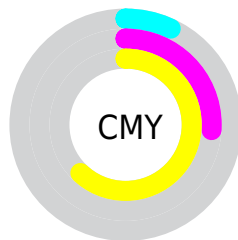
- Red (93%)
- Green (74%)
- Blue (38%)



- Red (67%)
- Yellow (93%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (59%)
- Black (7%)



- Cyan (7%)
- Magenta (26%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7330, 54.6624, 18.9754 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 54.7330, 54.6624, 18.9754 by changing the saturation by 10% instead.

54.7330, 54.6624,
18.9754

54.7330, 54.6624,
18.9754

395.0519,
404.6309, 258.7311

39.4210, 39.1315,
11.4759

96.3003, 97.0461,
42.5287

27.2696, 26.8620,
6.2697

123.2862,
124.6678, 59.4195

17.9134, 17.4696,
2.9383

154.8942,
157.0884, 80.2778

10.9872, 10.5699,
1.0632

191.4896,
194.6925, 105.5222

6.1254, 5.7784,
0.0000

233.4376,
237.8644, 135.5712

2.9629, 2.7108,
0.0000

281.1038,

1.1342, 0.9827,

286.9885, 170.8433

0.0000

334.8535,
342.4492, 211.7571

■ 0.0534, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7330, 54.6624,
18.9754

■ 54.7330, 54.6624,
18.9754

■ 52.1005, 50.9043,
13.4531

■ 57.7937, 58.7533,
26.2561

■ 49.8606, 47.4558,
9.5273


■ 61.3066, 63.1828,
35.4311


■ 47.9776, 44.3021,
7.0117


■ 65.2981, 67.9660,
46.6265


■ 46.3962, 41.4184,
5.6240


■ 69.7915, 73.1146,
59.9568


 46.2324, 41.1137,
5.4990

 74.8081, 78.6394,
75.5277

 80.3680, 84.5508,
93.4377

 85.3085, 90.3860,
107.5577

 87.8290, 95.4269,
108.3979

 88.4019, 96.5728,
108.5889

Harmonies

Analogous

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



65.1830, 54.6624, 24.8580



54.7330, 54.6624, 18.9754



44.7982, 54.6624, 20.7405

Triad

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



54.7330, 54.6624, 18.9754



35.5850, 54.6624, 83.7320



69.3415, 54.6624, 101.9108

Complementary

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



54.7330, 54.6624, 18.9754



30.1951, 28.8472, 83.3332

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.



59.8360, 54.6624, 129.6468



54.7330, 54.6624, 18.9754



40.6498, 54.6624, 116.9477

Square

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



54.7330, 54.6624, 18.9754



34.5984, 54.6624, 52.0371



49.2726, 54.6624, 135.9129



74.3190, 54.6624, 67.6837

Rectangle

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



54.7330, 54.6624, 18.9754



39.6923, 54.6624, 26.4156



49.2726, 54.6624, 135.9129



66.5141, 54.6624, 112.7148

Sweetspot

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



54.7343, 54.6650, 18.9765



83.6719, 87.6902, 72.9024



44.0281, 28.4471, 30.2225



17.5574, 18.3733, 14.5385



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.



54.7343, 54.6650, 18.9765



61.4310, 59.6670, 14.7489



60.2215, 75.3236, 22.6748



15.8887, 16.7005, 15.9048



25.6096, 22.9134, 3.0730



2.1001, 1.9775, 0.2710

Inverse Universe

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



30.1951, 28.8472, 83.3332



29.7398, 26.4130, 98.1385



26.8663, 18.4472, 81.5012



14.6565, 15.3994, 19.1221



10.0963, 6.8396, 44.5310



0.8797, 0.7108, 3.5257

Previews

White Background



This preview shows how the XYZ color 54.7330, 54.6624, 18.9754 looks on a white background.

Color Contrast Check

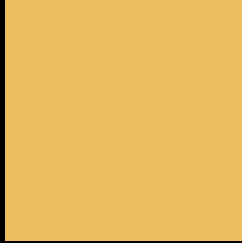
Large Text (above 18pt) WCAG AA × Fail

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 54.7330, 54.6624, 18.9754 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 54.7330, 54.6624, 18.9754

Background



This preview shows how black text looks on a background with the XYZ color 54.7330, 54.6624, 18.9754.



This preview shows how white text looks on a background with the XYZ color 54.7330, 54.6624,

18.9754.

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

54.7330, 54.6624, 18.9754

Protanopia

50.3110, 54.9796, 19.7648

Deuteranopia

55.6518, 54.5061, 18.8968



Tritanopia

62.4343, 54.4390, 56.5073

Trichromacy



Original Color

54.7330, 54.6624, 18.9754

Protanomaly

51.7060, 54.7097, 19.3901

Deuteranomaly

55.5246, 54.7544, 18.9515

Tritanomaly

58.8853, 54.1828, 39.2530

Monochromacy



Original Color

54.7330, 54.6624, 18.9754

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7290, 53.1058, 39.4750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7330, 54.6624, 18.9754 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(236, 188, 97)` looks like.

```
.text, #text, p{  
    color:rgb(236, 188, 97)  
}
```

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(236, 188, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 188, 97) }
```

Border

The CSS property to change the border of an element to XYZ 54.7330, 54.6624, 18.9754 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(236, 188, 97) }
```


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

```
.border{ border-color:rgb(236, 188, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 188, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 188, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 188, 97);  
box-shadow:4px 4px 4px 4px rgb(236, 188,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7330, 54.6624, 18.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 188, 97) }
```

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

```
.background{ background-color: rgb(236,  
188, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor