

Converting Colors

XYZ(55.3065, 54.1110, 14.5507)

Have a look what the booklet for
XYZ(55.3065, 54.1110, 14.5507)
contains.

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Color

**XYZ(55.3065, 54.1110,
14.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B94D
RGB	242, 185, 77
RGB Percent	95%, 73%, 30%
CMY	0.0510, 0.2745, 0.6980
CMYK	0.00, 0.24, 0.68, 0.05
HSL	39°, 86%, 63%
HSV	39°, 68%, 95%
XYZ	55.3065, 54.1110, 14.5507
YIQ	189.7310, 68.6400, -21.5040

Conversions

Conversions Part 2

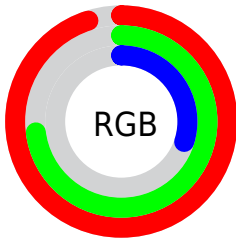
Format	Color
RYB	164, 242, 77
Decimal	15907149
CIELab	78.53, 9.99, 60.72
CIElCh	79, 61.541, 80.660
Yxy	54.1110, 0.4461, 0.4365
Android (android.graphics.Color)	4294097229 (0xFFFF2B94D)
YUV	189.7310, -55.5764, 45.8399
Hunter-Lab	73.5602, 5.4756, 39.7642

Details

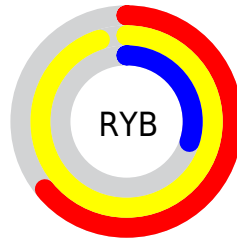
The XYZ color **55.3065, 54.1110, 14.5507** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **27.6124, 25.0379, 87.3814**, and the grayscale version is **49.0720, 51.6276, 56.2224**.

A 20% lighter version of the original color is **76.7920, 85.8093, 33.9882**, and **27.6518, 26.4913, 4.2282** is the 20% darker color. If you saturate the color by 10%, you get **52.9084, 50.4375, 10.2913**, and if you desaturate by 10%, it is **58.1276, 58.1225, 20.5193**.

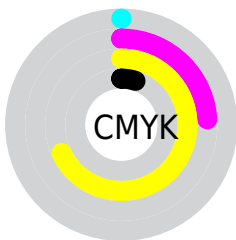
Distribution



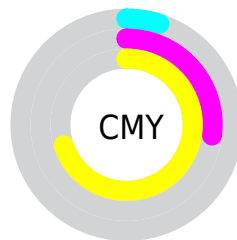
- Red (95%)
- Green (73%)
- Blue (30%)



- Red (64%)
- Yellow (95%)
- Blue (30%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3065, 54.1110, 14.5507 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 55.3065, 54.1110, 14.5507 by changing the saturation by 10% instead.

55.3065, 54.1110,
14.5507

55.3065, 54.1110,
14.5507

397.1903,
402.5331, 232.1767

39.8820, 38.6904,
8.3616

97.1356, 96.2372,
34.7941

27.6303, 26.5190,
4.2361

124.2709,
123.7116, 49.6855

18.1862, 17.2123,
1.7557

156.0404,
155.9727, 68.3146

11.1843, 10.3860,
0.3985

192.8097,
193.4050, 91.1002

6.2591, 5.6556,
0.0000

234.9439,
236.3928, 118.4606

3.0454, 2.6368,
0.0000

282.8085,

1.1778, 0.9452,

285.3205, 150.8145

0.0000

336.7689,
340.5725, 188.5803

■ 0.0888, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3065, 54.1110,
14.5507

■ 55.3065, 54.1110,
14.5507

■ 52.9084, 50.4375,
10.2913

■ 58.1276, 58.1225,
20.5193

■ 50.8906, 47.0757,
7.5412


■ 61.4013, 62.4802,
28.3611


■ 49.2004, 44.0038,
6.0269


■ 65.1582, 67.2010,
38.2238


■ 48.9143, 43.4703,
5.8125


■ 69.4250, 72.2984,
50.2397

 74.2262, 77.7845,
64.5297

 79.5844, 83.6711,
81.2056

 85.5208, 89.9689,
100.3717

 89.4404, 95.6424,
108.3546

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



67.6638, 54.1110, 20.9062



55.3065, 54.1110, 14.5507



43.6389, 54.1110, 15.9336

Triad

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



55.3065, 54.1110, 14.5507



32.5616, 54.1110, 85.7426



71.6420, 54.1110, 112.1629

Complementary

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



55.3065, 54.1110, 14.5507



27.6124, 25.0379, 87.3814

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.



60.0992, 54.1110, 146.0317



55.3065, 54.1110, 14.5507



38.0270, 54.1110, 127.0784

Square

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



55.3065, 54.1110, 14.5507



31.6922, 54.1110, 48.7361



47.7407, 54.1110, 152.3616



78.0240, 54.1110, 70.4268

Rectangle

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



55.3065, 54.1110, 14.5507



37.6917, 54.1110, 21.4055



47.7407, 54.1110, 152.3616



68.1588, 54.1110, 125.4355

Sweetspot

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



55.3078, 54.1137, 14.5518



82.5345, 86.4104, 69.4556



43.6276, 25.9277, 25.5353



17.3332, 18.1180, 13.8684



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.



55.3078, 54.1137, 14.5518



58.6178, 55.2297, 10.1454



61.7813, 78.8298, 18.9813



16.6366, 17.4862, 16.6481



26.4097, 23.6175, 3.1667



2.2894, 2.1495, 0.2942

Inverse Universe

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



27.6124, 25.0379, 87.3814



25.6656, 20.7854, 97.2670



24.1326, 14.5294, 85.5365



15.3437, 16.1215, 20.0247



10.4107, 7.0456, 45.9391



0.9556, 0.7651, 3.8515

Previews

White Background



This preview shows how the XYZ color 55.3065, 54.1110, 14.5507 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 55.3065, 54.1110, 14.5507 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 55.3065, 54.1110, 14.5507

Background



This preview shows how black text looks on a background with the XYZ color 55.3065, 54.1110, 14.5507.



This preview shows how white text looks on a background with the XYZ color 55.3065, 54.1110,

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

55.3065, 54.1110, 14.5507

Protanopia

49.5783, 54.3611, 15.4691

Deuteranopia

55.3065, 54.1110, 14.5507



Tritanopia

63.5300, 54.1840, 54.1239

Trichromacy



Original Color

55.3065, 54.1110, 14.5507

Protanomaly

51.4061, 53.9949, 15.1098

Deuteranomaly

55.3065, 54.1110, 14.5507

Tritanomaly

59.5446, 53.7215, 34.8347

Monochromacy



Original Color

55.3065, 54.1110, 14.5507

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.7025, 51.6917, 35.7917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3065, 54.1110, 14.5507 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(242, 185, 77)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 77)  
}
```

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(242, 185, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 77) }
```

Border

The CSS property to change the border of an element to XYZ 55.3065, 54.1110, 14.5507 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(242, 185, 77) }
```


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

```
.border{ border-color:rgb(242, 185, 77) }
```

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

Here you see how a box with a 4 pixel rgb(242, 185, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 77);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3065, 54.1110, 14.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 77) }
```

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

```
.background{ background-color: rgb(242,  
185, 77) }
```

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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