

Converting Colors

XYZ(55.5213, 57.1099, 14.9345)

Have a look what the booklet for
XYZ(55.5213, 57.1099, 14.9345)
contains.

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Color

**XYZ(55.5213, 57.1099,
14.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC24C
RGB	237, 194, 76
RGB Percent	93%, 76%, 30%
CMY	0.0706, 0.2392, 0.7019
CMYK	0.00, 0.18, 0.68, 0.07
HSL	44°, 82%, 61%
HSV	44°, 68%, 93%
XYZ	55.5213, 57.1099, 14.9345
YIQ	193.4050, 63.5060, -27.5820

Conversions

Conversions Part 2

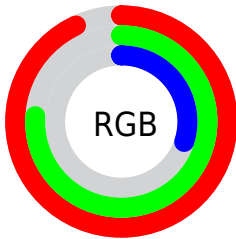
Format	Color
RYB	135, 237, 76
Decimal	15581772
CIELab	80.24, 3.14, 62.79
CIElCh	80, 62.869, 87.142
Yxy	57.1099, 0.4352, 0.4477
Android (android.graphics.Color)	4293771852 (0xFFEDC24C)
YUV	193.4050, -57.8807, 38.2328
Hunter-Lab	75.5711, -1.1073, 41.1828

Details

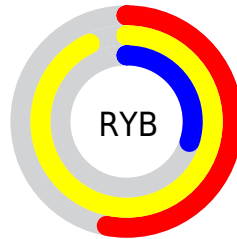
The XYZ color **55.5213, 57.1099, 14.9345** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.8631, 20.8438, 82.8330**, and the grayscale version is **51.2325, 53.9006, 58.6978**.

A 20% lighter version of the original color is **79.4549, 91.2429, 34.5430**, and **27.7290, 28.4259, 4.4060** is the 20% darker color. If you saturate the color by 10%, you get **53.4659, 54.0839, 10.9061**, and if you desaturate by 10%, it is **57.9427, 60.3828, 20.5826**.

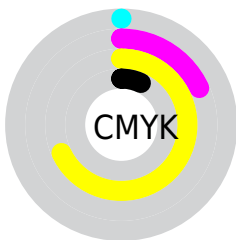
Distribution



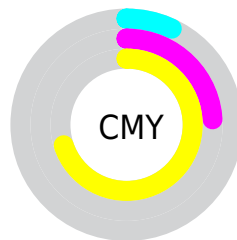
- Red (93%)
- Green (76%)
- Blue (30%)



- Red (53%)
- Yellow (93%)
- Blue (30%)



- Cyan (0%)
- Magenta (18%)
- Yellow (68%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5213, 57.1099, 14.9345 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 55.5213, 57.1099, 14.9345 by changing the saturation by 10% instead.

■ 55.5213, 57.1099,
14.9345

■ 55.5213, 57.1099,
14.9345

397.9893,
413.8610, 234.5965

■ 40.0547, 41.0935,
8.6273

■ 97.4482, 100.6255,
35.4789

■ 27.7656, 28.3921,
4.4054

■ 124.6392,
128.8935, 50.5532

■ 18.2886, 18.6215,
1.8503

■ 156.4692,
162.0142, 69.3870

■ 11.2583, 11.3971,
0.4608

■ 193.3033,
200.3719, 92.3987

■ 6.3094, 6.3346,
0.0000

■ 235.5071,
244.3510, 120.0070

■ 3.0766, 3.0496,
0.0000

283.4457,

■ 1.1944, 1.1577,

294.3360, 152.6304

0.0000

337.4847,
350.7112, 190.6874

■ 0.1019, 0.0267,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5213, 57.1099,
14.9345

■ 55.5213, 57.1099,
14.9345

■ 53.4659, 54.0839,
10.9061

■ 57.9427, 60.3828,
20.5826

■ 51.7365, 51.2808,
8.3083


■ 60.7568, 63.9077,
28.0048


■ 50.2855, 48.6828,
6.8872


■ 63.9919, 67.6992,
37.3408


■ 50.0049, 48.1646,
6.6612


■ 67.6723, 71.7684,
48.7158

 71.8205, 76.1251,
62.2440

 76.4572, 80.7788,
78.0313

 81.6017, 85.7384,
96.1764

 85.5176, 90.3101,
107.5321

 87.4615, 94.1978,
108.1800

Harmonies

Analogous

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



68.8025, 57.1099, 19.7026



55.5213, 57.1099, 14.9345



43.7833, 57.1099, 18.1094

Triad

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



55.5213, 57.1099, 14.9345



35.1483, 57.1099, 100.3201



77.7632, 57.1099, 108.9544

Complementary

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



55.5213, 57.1099, 14.9345



24.8631, 20.8438, 82.8330

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.



66.3359, 57.1099, 148.6684



55.5213, 57.1099, 14.9345



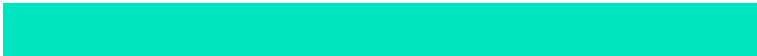
41.9620, 57.1099, 142.4548

Square

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



55.5213, 57.1099, 14.9345



33.1754, 57.1099, 58.7244



53.0598, 57.1099, 162.8559



82.8488, 57.1099, 65.7747

Rectangle

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



55.5213, 57.1099, 14.9345



38.1259, 57.1099, 25.4328



53.0598, 57.1099, 162.8559



74.4561, 57.1099, 123.7120

Sweetspot

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



55.5226, 57.1127, 14.9356



83.7072, 88.7559, 69.8465



40.9987, 24.5695, 20.8703



17.6161, 18.6837, 13.9627



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.



55.5226, 57.1127, 14.9356



62.1917, 62.3776, 11.3367



55.9773, 73.6626, 18.1061



15.9919, 16.9069, 15.9392



27.4145, 26.5233, 3.6746



2.2310, 2.2394, 0.3147

Inverse Universe

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



24.8631, 20.8438, 82.8330



23.8979, 17.2500, 96.6778



24.4118, 14.6559, 81.6623



14.5584, 15.2032, 19.0895



9.4169, 5.4807, 44.3045



0.8164, 0.5843, 3.5046

Previews

White Background



This preview shows how the XYZ color 55.5213, 57.1099, 14.9345 looks on a white background.

Color Contrast Check

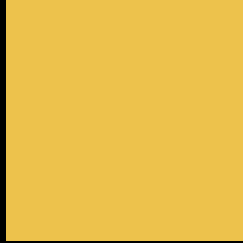
Large Text (above 18pt) WCAG AA × Fail

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 55.5213, 57.1099, 14.9345 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 55.5213, 57.1099, 14.9345

Background



This preview shows how black text looks on a background with the XYZ color 55.5213, 57.1099, 14.9345.



This preview shows how white text looks on a background with the XYZ color 55.5213, 57.1099,

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

55.5213, 57.1099, 14.9345

Protanopia

52.1536, 57.3882, 15.5360

Deuteranopia

58.2486, 56.8875, 14.9315



Tritanopia

64.6978, 57.0342, 59.8233

Trichromacy



Original Color

55.5213, 57.1099, 14.9345

Protanomaly

53.2122, 57.2549, 15.2679

Deuteranomaly

57.2786, 57.0305, 15.0103

Tritanomaly

60.1886, 56.4395, 37.4274

Monochromacy



Original Color

55.5213, 57.1099, 14.9345

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8695, 53.8972, 36.5763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5213, 57.1099, 14.9345 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(237, 194, 76)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 76)  
}
```

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(237, 194, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 76) }
```

Border

The CSS property to change the border of an element to XYZ 55.5213, 57.1099, 14.9345 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(237, 194, 76) }
```


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

```
.border{ border-color:rgb(237, 194, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 76);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5213, 57.1099, 14.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 76) }
```

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

```
.background{ background-color: rgb(237,  
194, 76) }
```

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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