

Converting Colors

XYZ(55.2852, 56.7463, 11.2919)

Have a look what the booklet for
XYZ(55.2852, 56.7463, 11.2919)
contains.

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Color

**XYZ(55.2864, 56.7386,
11.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC134
RGB	239, 193, 52
RGB Percent	94%, 76%, 20%
CMY	0.0627, 0.2431, 0.7961
CMYK	0.00, 0.19, 0.78, 0.06
HSL	45°, 85%, 57%
HSV	45°, 78%, 94%
XYZ	55.2864, 56.7386, 11.2865
YIQ	190.6800, 72.6770, -34.0990

Conversions

Conversions Part 2

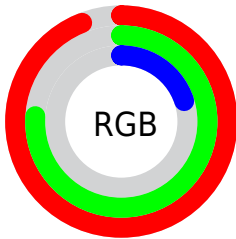
Format	Color
R_{YB}	113, 239, 52
Decimal	15712564
CIE Lab	80.03, 3.45, 71.62
CIE LCh	80, 71.706, 87.246
Yxy	56.7386, 0.4483, 0.4601
Android (android.graphics.Color)	4293902644 (0xFFEFC134)
YUV	190.6800, -68.3692, 42.3766
Hunter-Lab	75.3250, -0.8049, 43.8437

Details

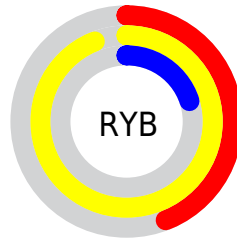
The XYZ color **55.2864, 56.7386, 11.2865** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **21.3638, 15.6971, 83.5646**, and the grayscale version is **49.6913, 52.2791, 56.9320**.

A 20% lighter version of the original color is **77.9302, 90.1372, 28.0427**, and **27.7382, 28.2211, 3.9853** is the 20% darker color. If you saturate the color by 10%, you get **53.6047, 54.0300, 8.7088**, and if you desaturate by 10%, it is **57.2945, 59.6650, 15.3169**.

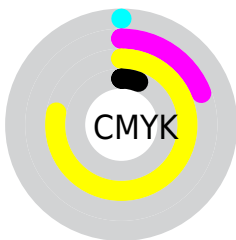
Distribution



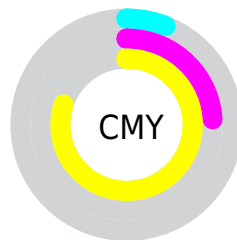
- Red (94%)
- Green (76%)
- Blue (20%)



- Red (44%)
- Yellow (94%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2864, 56.7386, 11.2865 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 55.2864, 56.7386, 11.2865 by changing the saturation by 10% instead.

55.2864, 56.7386,
11.2865

55.2864, 56.7386,
11.2865

397.1154,
412.4691, 210.4302

39.8658, 40.7954,
6.1433

97.1063, 100.0837,
28.8335

27.6177, 28.1593,
2.8622

124.2364,
128.2543, 42.0743

18.1766, 18.4457,
1.0247

156.0003,
161.2696, 58.8514

11.1773, 11.2705,
0.0000

192.7635,
199.5139, 79.5833

6.2544, 6.2491,
0.0000

234.8912,
243.3716, 104.6887

3.0425, 2.9971,
0.0000

282.7489,

1.1763, 1.1302,

293.2271, 134.5859

0.0000

336.7018,
349.4648, 169.6935

■ 0.0875, 0.0036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2864, 56.7386,
11.2865

■ 55.2864, 56.7386,
11.2865

■ 53.6047, 54.0300,
8.7088

■ 57.2945, 59.6650,
15.3169

■ 52.1941, 51.5092,
7.3121

■ 59.6619, 62.8164,
20.9874

■ 51.9611, 51.0802,
7.1208

■ 62.4211, 66.2090,
28.4607

■ 65.5997, 69.8548,
37.8791

■ 69.2225, 73.7646,
49.3703

■ 73.3121, 77.9483,
63.0515

■ 77.8897, 82.4151,
79.0307

■ 82.9749, 87.1739,
97.4090

■ 86.5753, 91.4285,
107.6922

Harmonies

Analogous

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



70.5572, 56.7386, 15.8769



55.2864, 56.7386, 11.2865



42.0885, 56.7386, 14.3682

Triad

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



55.2864, 56.7386, 11.2865



32.6520, 56.7386, 106.2912



81.0988, 56.7386, 116.1753

Complementary

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



55.2864, 56.7386, 11.2865



21.3638, 15.6971, 83.5646

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.



67.8033, 56.7386, 164.1402



55.2864, 56.7386, 11.2865



40.1418, 56.7386, 156.8516

Square

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



55.2864, 56.7386, 11.2865



30.4990, 56.7386, 58.0012



52.5927, 56.7386, 181.6321



87.0453, 56.7386, 65.7167

Rectangle

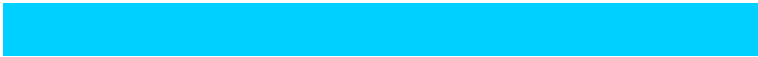
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2864, 56.7386, 11.2865



35.8562, 56.7386, 21.7398



52.5927, 56.7386, 181.6321



77.2357, 56.7386, 133.8565

Sweetspot

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



55.2877, 56.7414, 11.2876



82.5732, 87.9205, 65.0519



39.0649, 21.7032, 13.8729



17.3136, 18.4467, 12.7275



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.



55.2877, 56.7414, 11.2876



61.0782, 60.7950, 8.9787



53.2880, 73.2197, 14.5737



16.7744, 17.7620, 16.6940



28.8235, 28.4451, 3.9713



2.4752, 2.5211, 0.3562

Inverse Universe

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



21.3638, 15.6971, 83.5646



20.7178, 12.2559, 95.8814



21.9268, 11.3272, 82.6914



15.2130, 15.8602, 19.9811



9.5543, 5.3328, 45.6536



0.8706, 0.5952, 3.8232

Previews

White Background



This preview shows how the XYZ color 55.2864, 56.7386, 11.2865 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 55.2864, 56.7386, 11.2865 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 55.2864, 56.7386, 11.2865

Background



This preview shows how black text looks on a background with the XYZ color 55.2864, 56.7386, 11.2865.



This preview shows how white text looks on a background with the XYZ color 55.2864, 56.7386,

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

55.2864, 56.7386, 11.2865

Protanopia

51.5207, 56.8012, 11.7383

Deuteranopia

57.9304, 56.8013, 11.4005



Tritanopia

65.1258, 56.6773, 58.5462

Trichromacy



Original Color

55.2864, 56.7386, 11.2865

Protanomaly

52.9220, 56.8476, 11.5516

Deuteranomaly

56.7122, 56.4964, 11.2840

Tritanomaly

59.8876, 56.0634, 33.2561

Monochromacy



Original Color

55.2864, 56.7386, 11.2865

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5957, 53.0026, 32.4275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2864, 56.7386, 11.2865 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(239, 193, 52)` looks like.

```
.text, #text, p{  
    color:rgb(239, 193, 52)  
}
```

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(239, 193, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 193, 52) }
```

Border

The CSS property to change the border of an element to XYZ 55.2864, 56.7386, 11.2865 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(239, 193, 52) }
```


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

```
.border{ border-color:rgb(239, 193, 52) }
```

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

Here you see how a box with a 4 pixel rgb(239, 193, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 193, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 193, 52);  
box-shadow:4px 4px 4px 4px rgb(239, 193,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2864, 56.7386, 11.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 193, 52) }
```

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

```
.background{ background-color: rgb(239,  
193, 52) }
```

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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