

Converting Colors

XYZ(53.4506, 53.4410, 17.4231)

Have a look what the booklet for
XYZ(53.4506, 53.4410, 17.4231)
contains.

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Color

**XYZ(53.3789, 53.3656,
17.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	EABA5B
RGB	234, 186, 91
RGB Percent	92%, 73%, 36%
CMY	0.0824, 0.2706, 0.6431
CMYK	0.00, 0.21, 0.61, 0.08
HSL	40°, 77%, 64%
HSV	40°, 61%, 92%
XYZ	53.3789, 53.3656, 17.3847
YIQ	189.5220, 59.1030, -19.3690

Conversions

Conversions Part 2

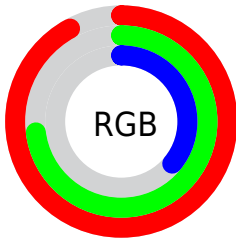
Format	Color
RYB	163, 234, 91
Decimal	15383131
CIELab	78.09, 6.96, 53.72
CIElCh	78, 54.173, 82.618
Yxy	53.3656, 0.4300, 0.4299
Android (android.graphics.Color)	4293573211 (0xFFEABA5B)
YUV	189.5220, -48.5713, 39.0072
Hunter-Lab	73.0518, 2.5893, 37.0265

Details

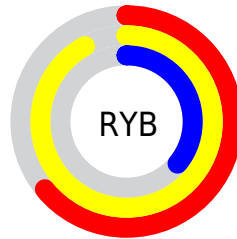
The XYZ color **53.3789, 53.3656, 17.3847** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **28.3978, 26.6287, 81.4845**, and the grayscale version is **48.9164, 51.4638, 56.0441**.

A 20% lighter version of the original color is **78.0262, 86.7779, 39.0229**, and **26.4329, 26.0355, 5.5516** is the 20% darker color. If you saturate the color by 10%, you get **50.9136, 49.8065, 12.3356**, and if you desaturate by 10%, it is **56.2523, 57.2377, 24.1231**.

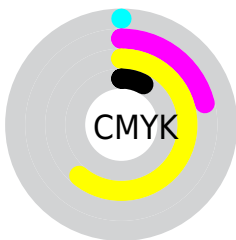
Distribution



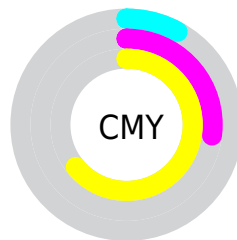
- Red (92%)
- Green (73%)
- Blue (36%)



- Red (64%)
- Yellow (92%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (61%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3789, 53.3656, 17.3847 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 53.3789, 53.3656, 17.3847 by changing the saturation by 10% instead.

53.3789, 53.3656,
17.3847

53.3789, 53.3656,
17.3847

389.9742,
399.6862, 249.4982

38.3340, 38.0947,
10.3443

94.3239, 95.1421,
39.7857

26.4204, 26.0562,
5.5193

120.9548,
122.4166, 55.9834

17.2728, 16.8657,
2.4910

152.1784,
154.4609, 76.0706

10.5257, 10.1388,
0.8354

188.3600,
191.6597, 100.4659

5.8138, 5.4911,
0.0000

229.8650,
234.3972, 129.5877

2.7718, 2.5382,
0.0000

277.0589,

1.0342, 0.8957,

283.0579, 163.8547

0.0000

330.3068,
338.0261, 203.6853

■ 0.0000, 0.0000,
0.0000

■ 53.3789, 53.3656,
17.3847

■ 53.3789, 53.3656,
17.3847

■ 50.9136, 49.8065,
12.3356

■ 56.2523, 57.2377,
24.1231

■ 48.8208, 46.5375,
8.8124

■ 59.5580, 61.4283,
32.6876

■ 47.0640, 43.5437,
6.6241

■ 63.3222, 65.9523,
43.2045

■ 45.7302, 41.0897,
5.5209

■ 67.5679, 70.8211,
55.7877

■ 72.3163, 76.0452,
70.5426

■ 77.5872, 81.6347,
87.5672

■ 83.3993, 87.5990,
106.9535

■ 85.8061, 92.3616,
107.9128

■ 87.7415, 96.2323,
108.5580

Harmonies

Analogous

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



64.0904, 53.3656, 23.0389



53.3789, 53.3656, 17.3847



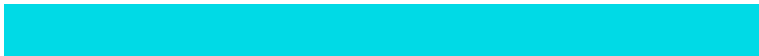
43.3000, 53.3656, 19.2336

Triad

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



53.3789, 53.3656, 17.3847



34.1783, 53.3656, 83.4920



68.6484, 53.3656, 101.0970

Complementary

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



53.3789, 53.3656, 17.3847



28.3978, 26.6287, 81.4845

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.



58.9480, 53.3656, 130.1062



53.3789, 53.3656, 17.3847



39.3559, 53.3656, 117.7210

Square

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



53.3789, 53.3656, 17.3847



33.1174, 53.3656, 50.9434



48.1555, 53.3656, 137.0638



73.6678, 53.3656, 65.9105

Rectangle

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



53.3789, 53.3656, 17.3847



38.1668, 53.3656, 24.9337



48.1555, 53.3656, 137.0638



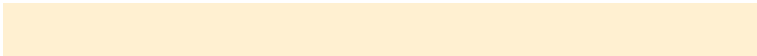
65.7675, 53.3656, 112.3317

Sweetspot

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



53.3802, 53.3682, 17.3858



83.8020, 87.9503, 72.9458



42.4843, 26.8995, 28.1723



17.5893, 18.4371, 14.5491



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.



53.3802, 53.3682, 17.3858



61.2744, 59.6175, 13.8837



58.6212, 73.6795, 21.0300



15.9014, 16.7259, 15.9090



25.8186, 23.3315, 3.1426



2.1154, 2.0082, 0.2761

Inverse Universe

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



28.3978, 26.6287, 81.4845



28.6538, 24.8001, 97.8844



25.3322, 16.8976, 79.7678



14.6443, 15.3751, 19.1181



10.0018, 6.6506, 44.4995



0.8712, 0.6939, 3.5229

Previews

White Background



This preview shows how the XYZ color 53.3789, 53.3656, 17.3847 looks on a white background.

Color Contrast Check

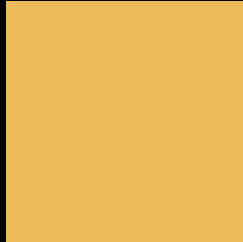
Large Text (above 18pt) WCAG AA × Fail

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 53.3789, 53.3656, 17.3847 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 53.3789, 53.3656, 17.3847

Background



This preview shows how black text looks on a background with the XYZ color 53.3789, 53.3656, 17.3847.



This preview shows how white text looks on a background with the XYZ color 53.3789, 53.3656,

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

53.3789, 53.3656, 17.3847

Protanopia

48.9991, 53.6700, 18.1327

Deuteranopia

54.6689, 53.4044, 17.5519



Tritanopia

61.1332, 53.2113, 55.1929

Trichromacy



Original Color

53.3789, 53.3656, 17.3847

Protanomaly

50.3814, 53.4065, 17.7783

Deuteranomaly

54.2058, 53.4752, 17.5900

Tritanomaly

57.4665, 52.8908, 37.3171

Monochromacy



Original Color

53.3789, 53.3656, 17.3847

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4839, 51.8501, 37.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3789, 53.3656, 17.3847 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(234, 186, 91)` looks like.

```
.text, #text, p{  
    color:rgb(234, 186, 91)  
}
```

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(234, 186, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 186, 91) }
```

Border

The CSS property to change the border of an element to XYZ 53.3789, 53.3656, 17.3847 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(234, 186, 91) }
```


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

```
.border{ border-color:rgb(234, 186, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 186, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 186, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 186, 91);  
box-shadow:4px 4px 4px 4px rgb(234, 186,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3789, 53.3656, 17.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 186, 91) }
```

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

```
.background{ background-color: rgb(234,  
186, 91) }
```

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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