

Converting Colors

XYZ(53.8486, 55.5432, 16.8996)

Have a look what the booklet for
XYZ(53.8486, 55.5432, 16.8996)
contains.

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Color

**XYZ(53.8486, 55.5432,
16.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C057
RGB	232, 192, 87
RGB Percent	91%, 75%, 34%
CMY	0.0902, 0.2470, 0.6588
CMYK	0.00, 0.17, 0.62, 0.09
HSL	43°, 76%, 63%
HSV	43°, 62%, 91%
XYZ	53.8486, 55.5432, 16.8996
YIQ	191.9900, 57.5450, -24.1750

Conversions

Conversions Part 2

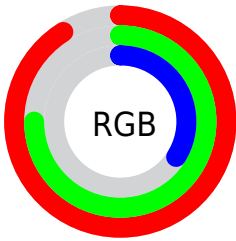
Format	Color
RYB	142, 232, 87
Decimal	15253591
CIELab	79.35, 2.72, 56.92
CIELCh	79, 56.985, 87.261
Yxy	55.5432, 0.4264, 0.4398
Android (android.graphics.Color)	4293443671 (0xFFE8C057)
YUV	191.9900, -51.7601, 35.0888
Hunter-Lab	74.5273, -1.4503, 38.7247

Details

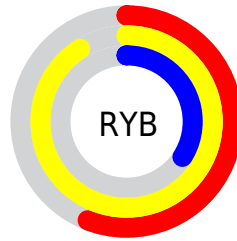
The XYZ color **53.8486, 55.5432, 16.8996** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **26.0850, 23.0302, 79.4138**, and the grayscale version is **50.3676, 52.9906, 57.7068**.

A 20% lighter version of the original color is **79.5410, 90.2883, 38.0461**, and **26.7407, 27.4593, 5.3296** is the 20% darker color. If you saturate the color by 10%, you get **51.6746, 52.4762, 12.2265**, and if you desaturate by 10%, it is **56.3909, 58.8596, 23.1988**.

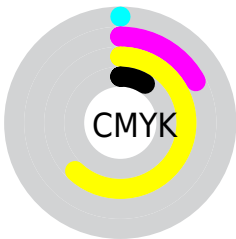
Distribution



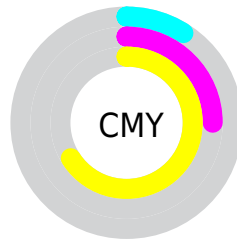
- Red (91%)
- Green (75%)
- Blue (34%)



- Red (56%)
- Yellow (91%)
- Blue (34%)



- Cyan (0%)
- Magenta (17%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8486, 55.5432, 16.8996 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 53.8486, 55.5432, 16.8996 by changing the saturation by 10% instead.

53.8486, 55.5432,
16.8996

53.8486, 55.5432,
16.8996

391.7402,
407.9677, 246.6175

38.7108, 39.8368,
10.0017

95.0101, 98.3364,
38.9414

26.7146, 27.4113,
5.2945

121.7645,
126.1919, 54.9223

17.4944, 17.8824,
2.3593

153.1219,
158.8660, 74.7681

10.6851, 10.8656,
0.7642

189.4476,
196.7430, 98.8971

5.9212, 5.9765,
0.0000

231.1069,
240.2072, 127.7281

2.8375, 2.8308,
0.0000

278.4652,

1.0684, 1.0440,

289.6432, 161.6794

0.0000

331.8878,
345.4352, 201.1697

■ 0.0000, 0.0000,
0.0000

■ 53.8486, 55.5432,
16.8996

■ 53.8486, 55.5432,
16.8996

■ 51.6746, 52.4762,
12.2265

■ 56.3909, 58.8596,
23.1988

■ 49.8337, 49.6367,
9.0160

■ 59.3245, 62.4294,
31.2598

■ 48.2898, 47.0114,
7.0760

■ 62.6752, 66.2661,
41.2081

■ 47.2828, 45.1643,
6.2255

■ 66.4650, 70.3797,
53.1563

■ 70.7143, 74.7796,
67.2084

■ 75.4421, 79.4745,
83.4612

■ 80.6664, 84.4727,
102.0053

■ 83.4385, 88.5957,
107.3107

■ 85.3891, 92.4970,
107.9610

Harmonies

Analogous

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



65.5805, 55.5432, 21.5034



53.8486, 55.5432, 16.8996



43.3595, 55.5432, 20.0299

Triad

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



53.8486, 55.5432, 16.8996



35.5794, 55.5432, 94.0974



73.5002, 55.5432, 101.2621

Complementary

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



53.8486, 55.5432, 16.8996



26.0850, 23.0302, 79.4138

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.



63.5023, 55.5432, 135.3743



53.8486, 55.5432, 16.8996



41.7847, 55.5432, 130.2960

Square

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



53.8486, 55.5432, 16.8996



33.7560, 55.5432, 57.5210



51.7496, 55.5432, 147.5515



77.9035, 55.5432, 63.5328

Rectangle

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



53.8486, 55.5432, 16.8996



38.2512, 55.5432, 27.0500



51.7496, 55.5432, 147.5515



70.6176, 55.5432, 113.9842

Sweetspot

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



53.8499, 55.5459, 16.9007



84.0916, 89.0311, 71.4961



40.5888, 25.5333, 23.2407



17.6859, 18.7275, 14.2813



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.



53.8499, 55.5459, 16.9007



63.3374, 63.9855, 13.8255



54.5524, 70.7608, 19.8005



15.2479, 16.1097, 15.2103



26.3604, 25.2949, 3.4931



2.0247, 2.0228, 0.2837

Inverse Universe

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



26.0850, 23.0302, 79.4138



26.4514, 20.9082, 97.2493



25.5020, 16.5240, 78.1887



13.9048, 14.5309, 18.2162



9.1943, 5.4507, 42.9507



0.7555, 0.5549, 3.1993

Previews

White Background



This preview shows how the XYZ color 53.8486, 55.5432, 16.8996 looks on a white background.

Color Contrast Check

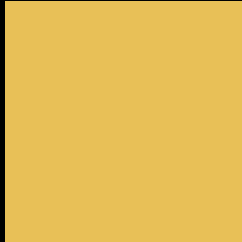
Large Text (above 18pt) WCAG AA × Fail

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 53.8486, 55.5432, 16.8996 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 53.8486, 55.5432, 16.8996

Background



This preview shows how black text looks on a background with the XYZ color 53.8486, 55.5432, 16.8996.



This preview shows how white text looks on a background with the XYZ color 53.8486, 55.5432,

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

53.8486, 55.5432, 16.8996

Protanopia

50.6829, 55.5592, 17.5039

Deuteranopia

56.8400, 55.4783, 16.9451



Tritanopia

62.5371, 55.6436, 58.4832

Trichromacy



Original Color

53.8486, 55.5432, 16.8996

Protanomaly

51.7080, 55.4228, 17.2049

Deuteranomaly

55.8942, 55.6250, 17.0233

Tritanomaly

58.5253, 55.2416, 38.5884

Monochromacy



Original Color

53.8486, 55.5432, 16.8996

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4145, 53.2978, 38.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8486, 55.5432, 16.8996 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(232, 192, 87)` looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 87)  
}
```

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(232, 192, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 87) }
```

Border

The CSS property to change the border of an element to XYZ 53.8486, 55.5432, 16.8996 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(232, 192, 87) }
```


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

```
.border{ border-color:rgb(232, 192, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 192, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 87);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8486, 55.5432, 16.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 87) }
```

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

```
.background{ background-color: rgb(232,  
192, 87) }
```

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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