

Converting Colors

XYZ(50.2421, 51.5578, 17.7325)

Have a look what the booklet for
XYZ(50.2421, 51.5578, 17.7325)
contains.

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Color

**XYZ(50.0652, 51.3355,
17.6260)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0B95D |
| RGB | 224, 185, 93 |
| RGB Percent | 88%, 73%, 36% |
| CMY | 0.1216, 0.2745, 0.6353 |
| CMYK | 0.00, 0.17, 0.58, 0.12 |
| HSL | 42°, 68%, 62% |
| HSV | 42°, 58%, 88% |
| XYZ | 50.0652, 51.3355, 17.6260 |
| YIQ | 186.1730, 52.7760, -20.3440 |

Conversions

Conversions Part 2

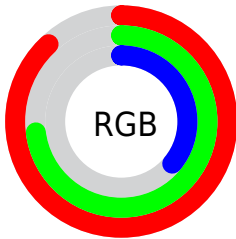
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 149, 224, 93 |
| Decimal | 14727517 |
| CIELab | 76.88, 3.45, 51.14 |
| CIELCh | 77, 51.257, 86.140 |
| Yxy | 51.3355, 0.4206, 0.4313 |
| Android (android.graphics.Color) | 4292917597 (0xFFE0B95D) |
| YUV | 186.1730, -45.9343, 33.1743 |
| Hunter-Lab | 71.6488, -0.6570, 35.5685 |

Details

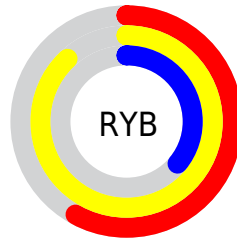
The XYZ color **50.0652, 51.3355, 17.6260** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **26.2197, 24.2107, 73.8118**, and the grayscale version is **46.9990, 49.4466, 53.8474**.

A 20% lighter version of the original color is **77.8836, 86.2459, 39.7364**, and **24.3774, 24.7696, 5.5940** is the 20% darker color. If you saturate the color by 10%, you get **47.8527, 48.2726, 12.6901**, and if you desaturate by 10%, it is **52.6361, 54.6504, 24.1158**.

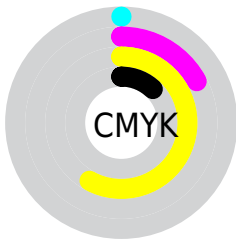
Distribution



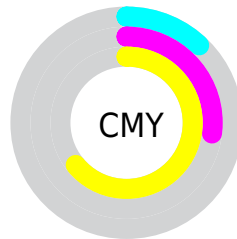
- Red (88%)
- Green (73%)
- Blue (36%)



- Red (58%)
- Yellow (88%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (58%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0652, 51.3355, 17.6260 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 50.0652, 51.3355, 17.6260 by changing the saturation by 10% instead.

50.0652, 51.3355,
17.6260

50.0652, 51.3355,
17.6260

377.3686,
391.8659, 250.9194

35.6832, 36.4757,
10.5152

89.4627, 92.1505,
40.2043

24.3586, 24.8018,
5.6318

115.2090,
118.8745, 56.5088

15.7260, 15.9294,
2.5574

145.4740,
150.3220, 76.7150

9.4201, 9.4742,
0.8703

180.6232,
186.8774, 101.2413

5.0755, 5.0518,
0.0000

221.0219,
228.9251, 130.5064

2.3268, 2.2777,
0.0000

267.0355,

0.8083, 0.7619,

276.8494, 164.9288

0.0000

319.0293,
331.0349, 204.9269

■ 0.0000, 0.0000,
0.0000

■ 50.0652, 51.3355,
17.6260

■ 50.0652, 51.3355,
17.6260

■ 47.8527, 48.2726,
12.6901

■ 52.6361, 54.6504,
24.1158

■ 45.9679, 45.4420,
9.1667

■ 55.5857, 58.2209,
32.2780

■ 44.3802, 42.8321,
6.8941

■ 58.9367, 62.0594,
42.2231

■ 43.0430, 40.4228,
5.6315

■ 62.7090, 66.1752,
54.0512

■ 42.8518, 40.0702,
5.4758

■ 66.9210, 70.5769,
67.8548

■ 71.5897, 75.2727,
83.7206

■ 76.7313, 80.2703,
101.7297

■ 79.4663, 84.4191,
106.7139

■ 81.4475, 88.3816,
107.3743

Harmonies

Analogous

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



59.9970, 51.3355, 22.1226



50.0652, 51.3355, 17.6260



40.9931, 51.3355, 20.2318

Triad

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



50.0652, 51.3355, 17.6260



33.8285, 51.3355, 83.0335



66.0685, 51.3355, 91.4493

Complementary

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



50.0652, 51.3355, 17.6260



26.2197, 24.2107, 73.8118

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.



57.5240, 51.3355, 119.2485



50.0652, 51.3355, 17.6260



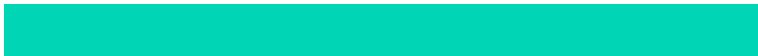
39.0784, 51.3355, 113.3611

Square

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



50.0652, 51.3355, 17.6260



32.3814, 51.3355, 52.3602



47.5422, 51.3355, 128.3677



69.9813, 51.3355, 59.5867

Rectangle

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



50.0652, 51.3355, 17.6260



36.4890, 51.3355, 26.3445



47.5422, 51.3355, 128.3677



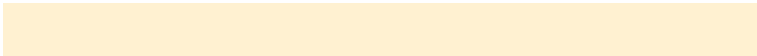
63.5915, 51.3355, 101.9420

Sweetspot

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



50.0664, 51.3380, 17.6270



84.3162, 88.9787, 73.1172



38.8405, 25.3506, 24.7843



17.7155, 18.6895, 14.5912



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.



50.0664, 51.3380, 17.6270



63.6511, 63.9671, 15.9211



51.8675, 66.0800, 20.3776



14.5093, 15.3045, 14.4961



25.0477, 23.5333, 3.2222



1.8131, 1.7850, 0.2490

Inverse Universe

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



26.2197, 24.2107, 73.8118



29.0044, 24.6451, 97.8360



25.0046, 17.1473, 72.5125



13.2829, 13.9050, 17.3715



9.0763, 5.6222, 41.6552



0.7056, 0.5427, 2.9128

Previews

White Background



This preview shows how the XYZ color 50.0652, 51.3355, 17.6260 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 50.0652, 51.3355, 17.6260 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 50.0652, 51.3355, 17.6260

Background



This preview shows how black text looks on a background with the XYZ color 50.0652, 51.3355, 17.6260.



This preview shows how white text looks on a background with the XYZ color 50.0652, 51.3355,

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

50.0652, 51.3355, 17.6260

Protanopia

47.0574, 51.3548, 18.2587

Deuteranopia

52.4759, 51.3483, 17.7351



Tritanopia

57.4919, 51.0587, 54.4021

Trichromacy



Original Color

50.0652, 51.3355, 17.6260

Protanomaly

48.0279, 51.2217, 17.9451

Deuteranomaly

51.3815, 51.0870, 17.7424

Tritanomaly

53.9833, 50.7987, 37.0969

Monochromacy



Original Color

50.0652, 51.3355, 17.6260

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0458, 49.6642, 36.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0652, 51.3355, 17.6260 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(224, 185, 93)` looks like.

```
.text, #text, p{  
    color:rgb(224, 185, 93)  
}
```

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(224, 185, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 185, 93) }
```

Border

The CSS property to change the border of an element to XYZ 50.0652, 51.3355, 17.6260 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(224, 185, 93) }
```


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

```
.border{ border-color:rgb(224, 185, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 185, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 185, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 185, 93);  
box-shadow:4px 4px 4px 4px rgb(224, 185,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0652, 51.3355, 17.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 185, 93) }
```

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

```
.background{ background-color: rgb(224,  
185, 93) }
```

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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