

Converting Colors

XYZ(52.7631, 51.6555, 10.5578)

Have a look what the booklet for
XYZ(52.7631, 51.6555, 10.5578)
contains.

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Color

**XYZ(52.7631, 51.6555,
10.5578)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB535
RGB	239, 181, 53
RGB Percent	94%, 71%, 21%
CMY	0.0627, 0.2902, 0.7921
CMYK	0.00, 0.24, 0.78, 0.06
HSL	41°, 85%, 57%
HSV	41°, 78%, 94%
XYZ	52.7631, 51.6555, 10.5578
YIQ	183.7500, 75.6560, -27.5120

Conversions

Conversions Part 2

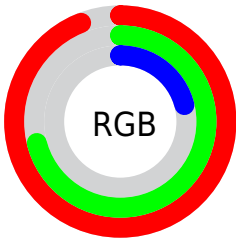
Format	Color
RYB	137, 239, 53
Decimal	15709493
CIELab	77.07, 9.75, 68.59
CIELCh	77, 69.279, 81.912
Yxy	51.6555, 0.4589, 0.4493
Android (android.graphics.Color)	4293899573 (0xFFEFB535)
YUV	183.7500, -64.4597, 48.4543
Hunter-Lab	71.8718, 5.2663, 41.6007

Details

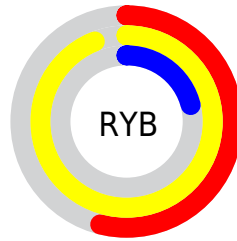
The XYZ color **52.7631, 51.6555, 10.5578** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **22.7326, 18.3574, 84.0060**, and the grayscale version is **45.7386, 48.1205, 52.4033**.

A 20% lighter version of the original color is **74.2845, 82.9325, 26.5604**, and **26.2104, 25.1655, 3.4760** is the 20% darker color. If you saturate the color by 10%, you get **50.8696, 48.5401, 7.8573**, and if you desaturate by 10%, it is **55.0139, 55.0477, 14.7293**.

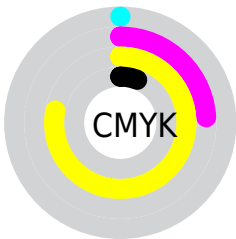
Distribution



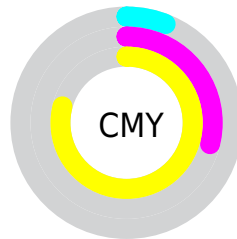
- Red (94%)
- Green (71%)
- Blue (21%)



- Red (54%)
- Yellow (94%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7631, 51.6555, 10.5578 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 52.7631, 51.6555, 10.5578 by changing the saturation by 10% instead.


 52.7631, 51.6555,
10.5578


 52.7631, 51.6555,
10.5578


387.6513,
393.1052, 205.2355

 37.8404, 36.7306,
5.6599


 93.4233, 92.6230,
27.4636

 26.0355, 24.9989,
2.5740


 119.8914,
119.4343, 40.3085


 16.9830, 16.0763,
0.8790


 150.9388,
150.9765, 56.6396

 10.3176, 9.5781,
0.0000

 186.9308,
187.6341, 76.8753

 5.6739, 5.1202,
0.0000

 228.2327,
229.7913, 101.4342

 2.6866, 2.3179,
0.0000

 275.2098,

 0.9903, 0.7832,

277.8327, 130.7348

0.0000

328.2276,
332.1425, 165.1957

■ 0.0000, 0.0000,
0.0000

■ 52.7631, 51.6555,
10.5578

■ 52.7631, 51.6555,
10.5578

■ 50.8696, 48.5401,
7.8573

■ 55.0139, 55.0477,
14.7293

■ 49.2797, 45.6717,
6.3677


■ 57.6555, 58.7258,
20.5583


■ 48.9578, 45.0735,
6.1197


■ 60.7208, 62.7070,
28.2067


■ 64.2378, 67.0043,
37.8160

■ 68.2319, 71.6297,
49.5141

 72.7261, 76.5942,
63.4174

 77.7422, 81.9084,
79.6343

 83.3002, 87.5819,
98.2654

 87.2366, 92.7511,
107.9126

Harmonies

Analogous

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



66.5180, 51.6555, 16.1852



52.7631, 51.6555, 10.5578



40.2034, 51.6555, 12.1166

Triad

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



52.7631, 51.6555, 10.5578



29.0780, 51.6555, 88.0439



71.9606, 51.6555, 114.2089

Complementary

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



52.7631, 51.6555, 10.5578



22.7326, 18.3574, 84.0060

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.



59.2140, 51.6555, 154.5090



52.7631, 51.6555, 10.5578



35.0188, 51.6555, 135.2661

Square

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



52.7631, 51.6555, 10.5578



27.9747, 51.6555, 46.6055



45.6048, 51.6555, 163.5824



78.8302, 51.6555, 67.1276

Rectangle

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



52.7631, 51.6555, 10.5578



33.9910, 51.6555, 17.5859



45.6048, 51.6555, 163.5824



68.1229, 51.6555, 129.7337

Sweetspot

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



52.7643, 51.6581, 10.5588



81.4449, 85.6638, 64.6758



39.7889, 22.0650, 17.4629



17.0381, 17.8957, 12.6356



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.



52.7643, 51.6581, 10.5588



57.8834, 54.3740, 8.0103



56.6584, 74.9547, 14.8503



16.6830, 17.5791, 16.6635



27.1776, 25.1533, 3.4227



2.3492, 2.2691, 0.3142

Inverse Universe

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



22.7326, 18.3574, 84.0060



22.1059, 14.9657, 96.3313



20.7934, 10.8099, 82.6514



15.2993, 16.0328, 20.0099



10.0852, 6.3946, 45.8306



0.9244, 0.7028, 3.8412

Previews

White Background



This preview shows how the XYZ color 52.7631, 51.6555, 10.5578 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 52.7631, 51.6555, 10.5578 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 52.7631, 51.6555, 10.5578

Background



This preview shows how black text looks on a background with the XYZ color 52.7631, 51.6555, 10.5578.



This preview shows how white text looks on a background with the XYZ color 52.7631, 51.6555,

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

52.7631, 51.6555, 10.5578

Protanopia

47.0762, 51.8433, 11.2670

Deuteranopia

52.7631, 51.6555, 10.5578



Tritanopia

60.9892, 51.5275, 50.9873

Trichromacy



Original Color

52.7631, 51.6555, 10.5578

Protanomaly

48.8913, 51.5045, 10.9789

Deuteranomaly

52.7631, 51.6555, 10.5578

Tritanomaly

56.6250, 50.8695, 29.7560

Monochromacy



Original Color

52.7631, 51.6555, 10.5578

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2793, 48.4819, 30.2113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7631, 51.6555, 10.5578 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, 181, 53)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 53)  
}
```

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, 181, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 53) }
```

Border

The CSS property to change the border of an element to XYZ 52.7631, 51.6555, 10.5578 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, 181, 53) }
```


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

```
.border{ border-color:rgb(239, 181, 53) }
```

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

Here you see how a box with a 4 pixel rgb(239, 181, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 181, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 181, 53);  
box-shadow:4px 4px 4px 4px rgb(239, 181,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7631, 51.6555, 10.5578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 53) }
```

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

```
.background{ background-color: rgb(239,  
181, 53) }
```

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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