

Converting Colors

XYZ(53.4279, 50.0073, 19.8088)

Have a look what the booklet for
XYZ(53.4279, 50.0073, 19.8088)
contains.

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Color

**XYZ(53.4253, 50.0101,
19.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAF68
RGB	239, 175, 104
RGB Percent	94%, 69%, 41%
CMY	0.0627, 0.3137, 0.5921
CMYK	0.00, 0.27, 0.56, 0.06
HSL	32°, 81%, 67%
HSV	32°, 56%, 94%
XYZ	53.4253, 50.0101, 19.9338
YIQ	186.0420, 60.9350, -8.5130

Conversions

Conversions Part 2

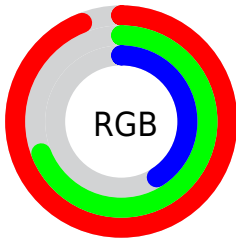
Format	Color
R _Y B	226, 239, 104
Decimal	15708008
CIE Lab	76.08, 15.76, 45.19
CIE LCh	76, 47.858, 70.768
Yxy	50.0101, 0.4331, 0.4054
Android (android.graphics.Color)	4293898088 (0xFFEFAF68)
YUV	186.0420, -40.4467, 46.4442
Hunter-Lab	70.7178, 11.0955, 32.7899

Details

The XYZ color **53.4253, 50.0101, 19.9338** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2909, 37.1788, 86.9774**, and the grayscale version is **46.8924, 49.3344, 53.7252**.

A 20% lighter version of the original color is **75.9017, 80.8461, 43.5027**, and **26.5712, 24.1356, 6.7482** is the 20% darker color. If you saturate the color by 10%, you get **50.2659, 45.3668, 13.7166**, and if you desaturate by 10%, it is **57.1161, 55.1660, 28.0261**.

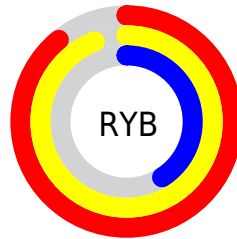
Distribution



Red (94%)

Green (69%)

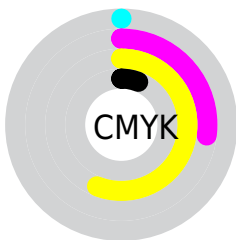
Blue (41%)



Red (89%)

Yellow (94%)

Blue (41%)

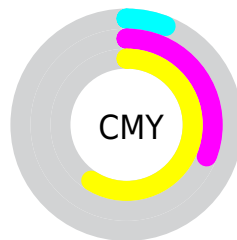


Cyan (0%)

Magenta (27%)

Yellow (56%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4253, 50.0101, 19.9338 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 53.4253, 50.0101, 19.9338 by changing the saturation by 10% instead.

53.4253, 50.0101,
19.9338

53.4253, 50.0101,
19.9338

390.1489,
386.7054, 264.1489

38.3712, 35.4214,
12.1633

94.3917, 90.1898,
44.1637

26.4495, 23.9877,
6.7311

121.0348,
116.5497, 61.4602

17.2946, 15.3245,
3.2186

152.2716,
147.6021, 82.7691

10.5414, 9.0474,
1.2073

188.4675,
183.7313, 108.5090

5.8244, 4.7721,
0.0000

229.9878,
225.3219, 139.0983

2.7782, 2.1142,
0.0000

277.1979,

1.0376, 0.6726,

272.7582, 174.9558

0.0000

330.4632,
326.4246, 216.4998

■ 0.0000, 0.0000,
0.0000

■ 53.4253, 50.0101,
19.9338

■ 53.4253, 50.0101,
19.9338

■ 50.2659, 45.3668,
13.7166

■ 57.1161, 55.1660,
28.0261

■ 47.6000, 41.2076,
9.2124

■ 61.3654, 60.8464,
38.1311

■ 45.3889, 37.5117,
6.2364

■ 66.2026, 67.0717,
50.3768

■ 43.5838, 34.2516,
4.5554

■ 71.6537, 73.8588,
64.8796

■ 43.0198, 33.1972,
4.1403

■ 77.7427, 81.2237,
81.7477

■ 84.4925, 89.1817,
101.0818

■ 89.1875, 96.6526,
108.5629

■ 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



61.7820, 50.0101, 28.2098



53.4253, 50.0101, 19.9338



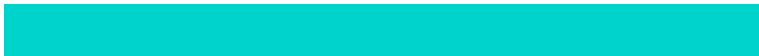
44.3924, 50.0101, 18.9864

Triad

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



53.4253, 50.0101, 19.9338



32.5625, 50.0101, 64.1809



59.6690, 50.0101, 100.9141

Complementary

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



53.4253, 50.0101, 19.9338



35.2909, 37.1788, 86.9774

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.



50.8186, 50.0101, 118.5746



53.4253, 50.0101, 19.9338



35.6630, 50.0101, 93.3560

Square

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



53.4253, 50.0101, 19.9338



33.0757, 50.0101, 39.7881



42.0909, 50.0101, 115.4418



65.6876, 50.0101, 72.3386

Rectangle

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



53.4253, 50.0101, 19.9338



39.2681, 50.0101, 22.1520



42.0909, 50.0101, 115.4418



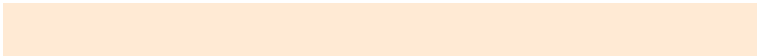
56.8834, 50.0101, 108.6752

Sweetspot

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



53.4265, 50.0126, 19.9348



82.6308, 85.0984, 74.1266



47.7321, 31.1257, 41.1519



17.4032, 17.8655, 15.1015



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.



53.4265, 50.0126, 19.9348



57.6535, 51.6745, 14.8386



68.2068, 80.6939, 25.0779



16.4609, 17.1349, 16.5895



23.9063, 18.6106, 2.3322



2.0884, 1.7474, 0.2272

Inverse Universe

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



35.2909, 37.1788, 86.9774



34.7343, 35.4745, 99.6243



26.5043, 19.2127, 83.9726



15.5153, 16.4646, 20.0819



12.0207, 10.2656, 46.4758



1.0989, 1.0519, 3.8993

Previews

White Background



This preview shows how the XYZ color 53.4253, 50.0101, 19.9338 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 53.4253, 50.0101, 19.9338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

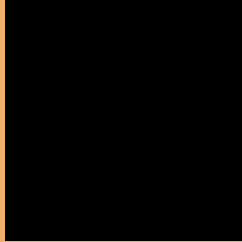
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4253, 50.0101, 19.9338

Background



This preview shows how black text looks on a background with the XYZ color 53.4253, 50.0101, 19.9338.



This preview shows how white text looks on a background with the XYZ color 53.4253, 50.0101,

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

53.4253, 50.0101, 19.9338

Protanopia

46.1971, 50.1924, 21.7212

Deuteranopia

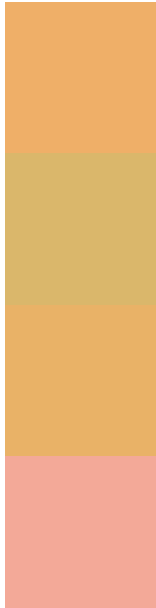
51.2014, 50.0425, 19.7925



Tritanopia

59.4291, 49.9396, 49.1549

Trichromacy



Original Color

53.4253, 50.0101, 19.9338

Protanomaly

48.5008, 49.8339, 20.9726

Deuteranomaly

51.9728, 50.1437, 19.7714

Tritanomaly

56.8176, 49.6976, 36.3037

Monochromacy



Original Color

53.4253, 50.0101, 19.9338

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.9055, 48.8353, 38.3538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4253, 50.0101, 19.9338 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, 175, 104)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 104)  
}
```

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, 175, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 104) }
```

Border

The CSS property to change the border of an element to XYZ 53.4253, 50.0101, 19.9338 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, 175, 104) }
```


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

```
.border{ border-color:rgb(239, 175, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 175, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 104);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4253, 50.0101, 19.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 175, 104) }
```

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

```
.background{ background-color: rgb(239,  
175, 104) }
```

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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