

Converting Colors

XYZ(53.3030, 46.5861, 34.3666)

Have a look what the booklet for
XYZ(53.3030, 46.5861, 34.3666)
contains.

XYZ(53.2128, 46.5219, 34.1920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.2128, 46.5219,
34.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA494
RGB	236, 164, 148
RGB Percent	93%, 64%, 58%
CMY	0.0745, 0.3568, 0.4196
CMYK	0.00, 0.31, 0.37, 0.07
HSL	11°, 70%, 75%
HSV	11°, 37%, 93%
XYZ	53.2128, 46.5219, 34.1920
YIQ	183.7040, 48.0480, 10.2880

Conversions

Conversions Part 2

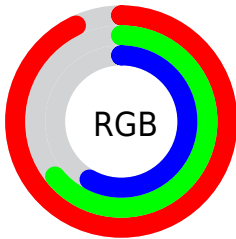
Format	Color
R _Y B	236, 168, 148
Decimal	15508628
CIE Lab	73.88, 24.67, 19.03
CIE LCh	74, 31.154, 37.648
Yxy	46.5219, 0.3973, 0.3474
Android (android.graphics.Color)	4293698708 (0xFFECA494)
YUV	183.7040, -17.6021, 45.8636
Hunter-Lab	68.2070, 19.8976, 18.0229

Details

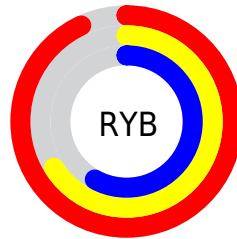
The XYZ color **53.2128, 46.5219, 34.1920** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.9452, 63.5360, 88.8299**, and the grayscale version is **45.4732, 47.8413, 52.0992**.

A 20% lighter version of the original color is **77.2322, 76.1873, 66.5122**, and **26.3119, 21.9164, 14.1528** is the 20% darker color. If you saturate the color by 10%, you get **48.3349, 39.4570, 24.2706**, and if you desaturate by 10%, it is **58.9985, 54.7927, 46.2958**.

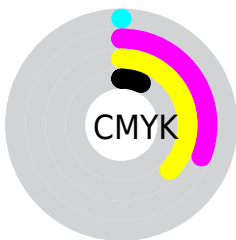
Distribution



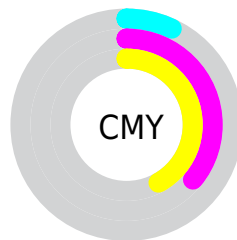
- Red (93%)
- Green (64%)
- Blue (58%)



- Red (93%)
- Yellow (66%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (37%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2128, 46.5219, 34.1920 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 53.2128, 46.5219, 34.1920 by changing the saturation by 10% instead.


 53.2128, 46.5219,
34.1920

 53.2128, 46.5219,
34.1920


389.3485,
372.9029, 335.7826

 38.2008, 32.6579,
22.7626

 94.0811, 84.9995,
67.3694

 26.3165, 21.8645,
14.2146


 120.6682,
110.3819, 89.9545

 17.1945, 13.7573,
8.1297


151.8443,
140.3725, 117.0953

 10.4694, 7.9521,
4.0891

187.9749,
175.3558, 149.2102

 5.7759, 4.0643,
1.6743

229.4252,
215.7160, 186.7179

 2.7487, 1.7096,
0.3431

276.5607,

 1.0223, 0.4299,

261.8377, 230.0368

0.0000

329.7467,
314.1052, 279.5855

■ 0.0000, 0.0000,
0.0000

■ 53.2128, 46.5219,
34.1920

■ 53.2128, 46.5219,
34.1920

■ 48.3349, 39.4570,
24.2706

■ 58.9985, 54.7927,
46.2958

■ 44.3145, 33.5349,
16.3982

■ 65.7318, 64.3155,
60.6989

■ 41.1013, 28.6967,
10.4313

■ 73.4546, 75.1419,
77.5132

■ 38.6386, 24.8755,
6.2061

■ 82.2049, 87.3188,
96.8423

■ 36.8615, 21.9967,
3.5314

■ 88.4020, 96.5728,
108.5889

■ 35.6906, 19.9739,
2.1581

■ 35.4531, 19.5550,
1.9059

Harmonies

Analogous

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



55.6548, 46.5219, 46.6966



53.2128, 46.5219, 34.1920



48.3997, 46.5219, 27.3278

Triad

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



53.2128, 46.5219, 34.1920



35.0676, 46.5219, 39.9021



45.6525, 46.5219, 87.3658

Complementary

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



53.2128, 46.5219, 34.1920



52.9452, 63.5360, 88.8299

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.



40.2838, 46.5219, 84.4876



53.2128, 46.5219, 34.1920



34.4657, 46.5219, 54.8299

Square

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



53.2128, 46.5219, 34.1920



38.0169, 46.5219, 30.1117



36.2980, 46.5219, 71.6995



51.0585, 46.5219, 78.8975

Rectangle

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



53.2128, 46.5219, 34.1920



44.6569, 46.5219, 25.8511



36.2980, 46.5219, 71.6995



43.7813, 46.5219, 87.7201

Sweetspot

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



53.2140, 46.5241, 34.1929



83.9694, 84.5456, 84.5301



58.2778, 44.2513, 74.1096



17.7027, 17.7176, 17.5041



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.



53.2140, 46.5241, 34.1929



58.7580, 48.6926, 31.2094



62.1697, 64.4355, 37.1781



15.2870, 15.4971, 15.7042



19.6097, 10.9136, 1.0730



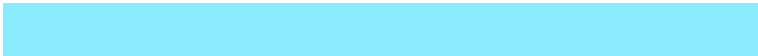
1.6030, 0.9833, 0.1053

Inverse Universe

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



52.9452, 63.5360, 88.8299



58.3672, 71.7367, 105.3780



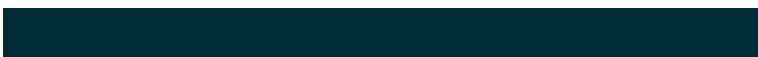
43.1415, 43.9286, 85.5621



15.2712, 16.6288, 19.3271



18.9546, 24.5561, 47.4838



1.5490, 2.0494, 3.7488

Previews

White Background



This preview shows how the XYZ color 53.2128, 46.5219, 34.1920 looks on a white background.

Color Contrast Check

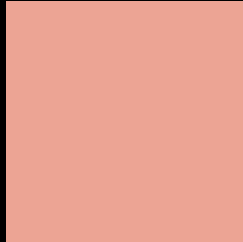
Large Text (above 18pt) WCAG AA × Fail

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 53.2128, 46.5219, 34.1920 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 53.2128, 46.5219, 34.1920

Background



This preview shows how black text looks on a background with the XYZ color 53.2128, 46.5219, 34.1920.



This preview shows how white text looks on a background with the XYZ color 53.2128, 46.5219,

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

53.2128, 46.5219, 34.1920

Protanopia

44.0955, 46.5584, 38.5609

Deuteranopia

47.6697, 46.7323, 33.7019



Tritanopia

55.3735, 46.3359, 45.5604

Trichromacy



Original Color

53.2128, 46.5219, 34.1920

Protanomaly

46.8948, 46.2584, 37.0290

Deuteranomaly

49.6482, 46.6046, 33.9826

Tritanomaly

54.3708, 46.1746, 41.1689

Monochromacy



Original Color

53.2128, 46.5219, 34.1920

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7014, 47.0811, 45.1015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2128, 46.5219, 34.1920 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(236, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(236, 164, 148)  
}
```

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(236, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 164, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.2128, 46.5219, 34.1920 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(236, 164, 148) }
```


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

```
.border{ border-color:rgb(236, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(236, 164,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2128, 46.5219, 34.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 164, 148) }
```

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

```
.background{ background-color: rgb(236,  
164, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor