

Converting Colors

XYZ(53.8859, 46.5379, 23.8587)

Have a look what the booklet for
XYZ(53.8859, 46.5379, 23.8587)
contains.

XYZ(53.9667, 46.6092, 23.9214)	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(53.9667, 46.6092,
23.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A278
RGB	245, 162, 120
RGB Percent	96%, 64%, 47%
CMY	0.0392, 0.3647, 0.5294
CMYK	0.00, 0.34, 0.51, 0.04
HSL	20°, 86%, 72%
HSV	20°, 51%, 96%
XYZ	53.9667, 46.6092, 23.9214
YIQ	182.0290, 62.9500, 4.5340

Conversions

Conversions Part 2

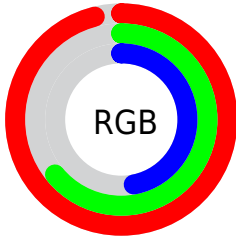
Format	Color
R_{YB}	245, 183, 120
Decimal	16097912
CIE _{Lab}	73.94, 26.36, 34.39
CIE _{LCh}	74, 43.329, 52.525
Yxy	46.6092, 0.4335, 0.3744
Android (android.graphics.Color)	4294287992 (0xFFFF5A278)
YUV	182.0290, -30.5803, 55.2256
Hunter-Lab	68.2709, 21.6263, 27.0151

Details

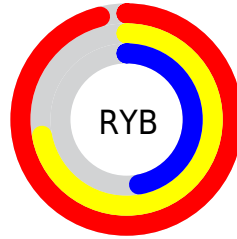
The XYZ color **53.9667, 46.6092, 23.9214** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.5820, 53.2951, 94.2705**, and the grayscale version is **44.6176, 46.9412, 51.1190**.

A 20% lighter version of the original color is **73.5957, 73.9028, 49.9209**, and **26.7208, 21.9211, 8.7841** is the 20% darker color. If you saturate the color by 10%, you get **49.9833, 40.7254, 16.1728**, and if you desaturate by 10%, it is **58.7034, 53.3911, 33.7985**.

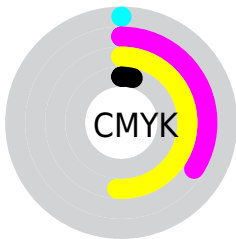
Distribution



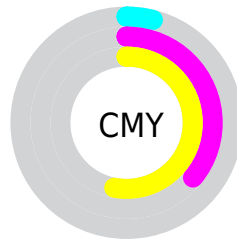
- Red (96%)
- Green (64%)
- Blue (47%)



- Red (96%)
- Yellow (72%)
- Blue (47%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9667, 46.6092, 23.9214 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 53.9667, 46.6092, 23.9214 by changing the saturation by 10% instead.


 53.9667, 46.6092,
23.9214


 53.9667, 46.6092,
23.9214


392.1834,
373.2524, 285.6966

 38.8056, 32.7268,
15.0637


 95.1825, 85.1300,
50.8441

 26.7886, 21.9173,
8.7170


 121.9680,
110.5372, 69.7462

 17.5503, 13.7961,
4.4627


 153.3589,
140.5548, 92.8335

 10.7253, 7.9790,
1.8825

189.7207,
175.5672, 120.5245

 5.9484, 4.0815,
0.4816

231.4187,
215.9587, 153.2377

 2.8541, 1.7193,
0.0000

278.8182,

 1.0771, 0.4361,

262.1139, 191.3918

0.0000

332.2847,
314.4170, 235.4053

■ 0.0058, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9667, 46.6092,
23.9214

■ 53.9667, 46.6092,
23.9214

■ 49.9833, 40.7254,
16.1728

■ 58.7034, 53.3911,
33.7985

■ 46.7062, 35.6928,
10.3892


■ 64.2299, 61.1016,
45.9453


■ 44.0873, 31.4699,
6.3876


■ 70.5842, 69.7779,
60.4941

■ 42.0700, 28.0085,
3.9480

■ 77.8005, 79.4531,
77.5661

 40.6984, 25.4971,
2.7764

 85.9112, 90.1588,
97.2741

 91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



59.4870, 46.6092, 36.1349



53.9667, 46.6092, 23.9214



46.2614, 46.6092, 19.1764

Triad

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



53.9667, 46.6092, 23.9214



31.1446, 46.6092, 45.4137



50.2381, 46.6092, 101.0604

Complementary

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



53.9667, 46.6092, 23.9214



45.5820, 53.2951, 94.2705

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.



42.3961, 46.6092, 105.6939



53.9667, 46.6092, 23.9214



31.9475, 46.6092, 68.8529

Square

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



53.9667, 46.6092, 23.9214



33.5269, 46.6092, 29.0175



35.8637, 46.6092, 92.5508



57.1657, 46.6092, 81.2819

Rectangle

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



53.9667, 46.6092, 23.9214



41.1568, 46.6092, 19.5185



35.8637, 46.6092, 92.5508



47.6006, 46.6092, 104.6361

Sweetspot

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



53.9678, 46.6115, 23.9223



81.9185, 82.6301, 77.1069



55.1920, 37.1735, 60.9749



17.1769, 17.2075, 15.6597



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.



53.9678, 46.6115, 23.9223



54.6969, 44.5358, 17.6309



67.7468, 74.1695, 28.5153



16.9542, 17.3925, 17.2611



22.0391, 13.9638, 1.5337



2.0280, 1.4093, 0.1651

Inverse Universe

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



45.5820, 53.2951, 94.2705



44.5367, 52.4816, 102.3904



33.7278, 29.5867, 90.3191



16.5003, 17.7649, 21.1019



16.0359, 17.8656, 49.1412



1.5039, 1.7593, 4.3506

Previews

White Background



This preview shows how the XYZ color 53.9667, 46.6092, 23.9214 looks on a white background.

Color Contrast Check

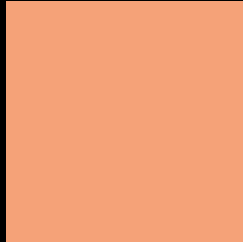
Large Text (above 18pt) WCAG AA × Fail

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 53.9667, 46.6092, 23.9214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

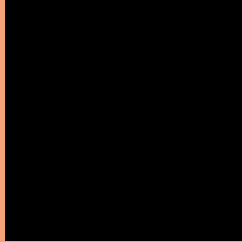
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9667, 46.6092, 23.9214

Background



This preview shows how black text looks on a background with the XYZ color 53.9667, 46.6092, 23.9214.



This preview shows how white text looks on a background with the XYZ color 53.9667, 46.6092,

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

53.9667, 46.6092, 23.9214

Protanopia

43.3892, 46.7502, 27.1589

Deuteranopia

47.6195, 46.6402, 23.6322



Tritanopia

57.9304, 46.7067, 42.5212

Trichromacy



Original Color

53.9667, 46.6092, 23.9214

Protanomaly

46.7632, 46.4368, 25.9005

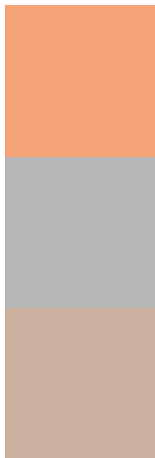
Deuteranomaly

49.6994, 46.5753, 23.8233

Tritanomaly

56.4433, 46.6122, 34.8763

Monochromacy



Original Color

53.9667, 46.6092, 23.9214

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.7648, 46.1423, 39.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9667, 46.6092, 23.9214 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(245, 162, 120)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 120)  
}
```

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(245, 162, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 120) }
```

Border

The CSS property to change the border of an element to XYZ 53.9667, 46.6092, 23.9214 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(245, 162, 120) }
```


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

```
.border{ border-color:rgb(245, 162, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 120);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9667, 46.6092, 23.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 120) }
```

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

```
.background{ background-color: rgb(245,  
162, 120) }
```

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