

Converting Colors

XYZ(54.0138, 45.0809, 23.3732)

Have a look what the booklet for
XYZ(54.0138, 45.0809, 23.3732)
contains.

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Color

**XYZ(53.9296, 45.0653,
23.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	F89C77
RGB	248, 156, 119
RGB Percent	97%, 61%, 47%
CMY	0.0275, 0.3882, 0.5333
CMYK	0.00, 0.37, 0.52, 0.03
HSL	17°, 90%, 72%
HSV	17°, 52%, 97%
XYZ	53.9296, 45.0653, 23.3088
YIQ	179.2900, 66.7090, 7.9970

Conversions

Conversions Part 2

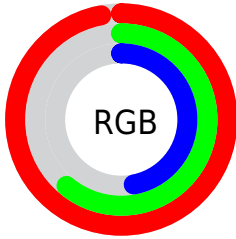
Format	Color
R_{YB}	248, 171, 119
Decimal	16292983
CIE _{Lab}	72.93, 30.60, 33.69
CIE _{LCh}	73, 45.513, 47.759
Yxy	45.0653, 0.4409, 0.3685
Android (android.graphics.Color)	4294483063 (0xFFFF89C77)
YUV	179.2900, -29.7230, 60.2587
Hunter-Lab	67.1307, 25.9197, 26.4051

Details

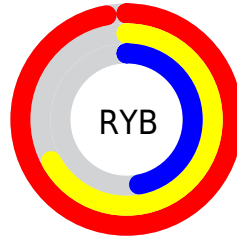
The XYZ color **53.9296, 45.0653, 23.3088** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.8439, 57.2848, 97.3419**, and the grayscale version is **43.1323, 45.3785, 49.4172**.

A 20% lighter version of the original color is **71.9807, 70.8271, 48.9069**, and **26.7948, 21.0342, 8.4421** is the 20% darker color. If you saturate the color by 10%, you get **49.8753, 39.0374, 15.5434**, and if you desaturate by 10%, it is **58.8068, 52.1174, 33.2662**.

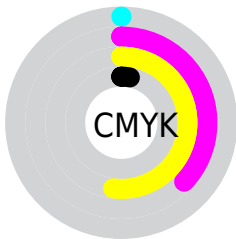
Distribution



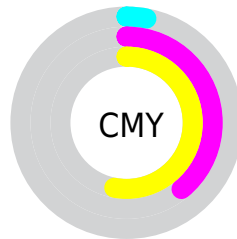
- Red (97%)
- Green (61%)
- Blue (47%)



- Red (97%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (52%)
- Black (3%)





- Cyan (3%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9296, 45.0653, 23.3088 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 53.9296, 45.0653, 23.3088 by changing the saturation by 10% instead.


 53.9296, 45.0653,
23.3088


 53.9296, 45.0653,
23.3088


392.0442,
367.0380, 282.4803


 38.7758, 31.5089,
14.6142


 95.1284, 82.8184,
49.8295

 26.7653, 20.9866,
8.4055

 121.9041,
107.7838, 68.4927

 17.5327, 13.1142,
4.2640


 153.2845,
137.3211, 91.3159

 10.7127, 7.5073,
1.7713

189.6349,
171.8145, 118.7176

 5.9398, 3.7813,
0.4089

231.3208,
211.6485, 151.1163

 2.8488, 1.5520,
0.0000

278.7074,

 1.0743, 0.3249,

257.2075, 188.9307

0.0000

332.1601,
308.8758, 232.5791

■ 0.0035, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9296, 45.0653,
23.3088

■ 53.9296, 45.0653,
23.3088

■ 49.8753, 39.0374,
15.5434

■ 58.8068, 52.1174,
33.2662

■ 46.5911, 33.9774,
9.7985


■ 64.5486, 60.2327,
45.5642


■ 44.0225, 29.8333,
5.8808


■ 71.1978, 69.4568,
60.3410

■ 42.1051, 26.5449,
3.5571

■ 78.7930, 79.8300,
77.7237

 40.9736, 24.4811,
2.5658

 87.3708, 91.3910,
97.8302

 92.5212, 98.6964,
108.7817

Harmonies

Analogous

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



59.0672, 45.0653, 36.9116



53.9296, 45.0653, 23.3088



46.1500, 45.0653, 17.5571

Triad

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



53.9296, 45.0653, 23.3088



29.5868, 45.0653, 40.3753



47.6572, 45.0653, 103.5498

Complementary

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



53.9296, 45.0653, 23.3088



47.8439, 57.2848, 97.3419

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.



39.6793, 45.0653, 105.3513



53.9296, 45.0653, 23.3088



29.8848, 45.0653, 63.6384

Square

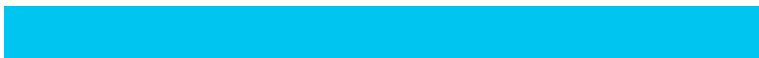
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9296, 45.0653, 23.3088



32.5023, 45.0653, 25.1669



33.3740, 45.0653, 89.0440



55.1497, 45.0653, 84.6916

Rectangle

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



53.9296, 45.0653, 23.3088



40.8063, 45.0653, 17.2598



33.3740, 45.0653, 89.0440



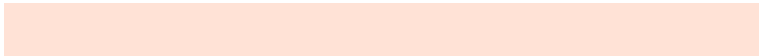
44.9261, 45.0653, 106.3419

Sweetspot

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



53.9307, 45.0676, 23.3097



80.5735, 80.4659, 75.0371



57.1226, 37.8761, 66.2243



16.8892, 16.7357, 15.2446



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.



53.9307, 45.0676, 23.3097



53.1038, 41.5429, 16.5045



67.6474, 72.5009, 27.8819



17.6501, 18.0361, 18.0135



22.2372, 13.4311, 1.4204



2.1460, 1.4168, 0.1604

Inverse Universe

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



47.8439, 57.2848, 97.3419



45.9284, 55.6745, 102.9333



34.9772, 31.5515, 93.0531



17.3205, 18.7178, 22.0853



17.7566, 20.8687, 51.0657



1.7352, 2.1140, 4.7598

Previews

White Background



This preview shows how the XYZ color 53.9296, 45.0653, 23.3088 looks on a white background.

Color Contrast Check

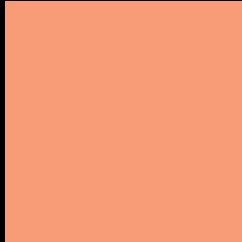
Large Text (above 18pt) WCAG AA × Fail

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 53.9296, 45.0653, 23.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

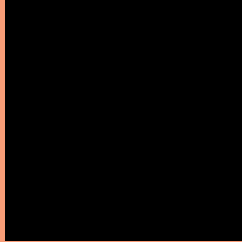
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9296, 45.0653, 23.3088

Background



This preview shows how black text looks on a background with the XYZ color 53.9296, 45.0653, 23.3088.



This preview shows how white text looks on a background with the XYZ color 53.9296, 45.0653,

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

53.9296, 45.0653, 23.3088

Protanopia

42.0749, 45.1626, 27.2686

Deuteranopia

46.2238, 45.3649, 22.8430



Tritanopia

57.1230, 44.8951, 39.3731

Trichromacy



Original Color

53.9296, 45.0653, 23.3088

Protanomaly

45.7052, 44.7526, 25.6312

Deuteranomaly

48.8420, 45.0508, 22.9510

Tritanomaly

55.8409, 44.8558, 32.9090

Monochromacy



Original Color

53.9296, 45.0653, 23.3088

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.5506, 44.3975, 38.0671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9296, 45.0653, 23.3088 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(248, 156, 119)` looks like.

```
.text, #text, p{  
    color:rgb(248, 156, 119)  
}
```

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(248, 156, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 156, 119) }
```

Border

The CSS property to change the border of an element to XYZ 53.9296, 45.0653, 23.3088 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(248, 156, 119) }
```


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

```
.border{ border-color:rgb(248, 156, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 156, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 156, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 156, 119);  
box-shadow:4px 4px 4px 4px rgb(248, 156,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9296, 45.0653, 23.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 156, 119) }
```

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

```
.background{ background-color: rgb(248,  
156, 119) }
```

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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