

Converting Colors

XYZ(23.7607, 32.8895, 11.3533)

Have a look what the booklet for
XYZ(23.7607, 32.8895, 11.3533)
contains.

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Color

**XYZ(23.8094, 32.9219,
11.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA849
RGB	126, 168, 73
RGB Percent	49%, 66%, 29%
CMY	0.5059, 0.3412, 0.7137
CMYK	0.25, 0.00, 0.57, 0.34
HSL	87°, 39%, 47%
HSV	87°, 57%, 66%
XYZ	23.8094, 32.9219, 11.4030
YIQ	144.6120, 5.4630, -38.4490

Conversions

Conversions Part 2

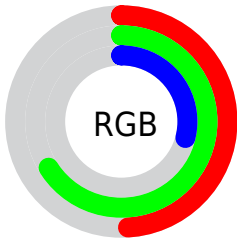
Format	Color
RYB	73, 168, 115
Decimal	8300617
CIELab	64.10, -30.06, 43.83
CIELCh	64, 53.144, 124.443
Yxy	32.9219, 0.3494, 0.4832
Android (android.graphics.Color)	4286490697 (0xFF7EA849)
YUV	144.6120, -35.3047, -16.3227
Hunter-Lab	57.3776, -26.3405, 28.3813

Details

The XYZ color **23.8094, 32.9219, 11.4030** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.5220, 11.2380, 38.3460**, and the grayscale version is **26.8940, 28.2946, 30.8128**.

A 20% lighter version of the original color is **49.1454, 64.0798, 29.1804**, and **9.2048, 14.0008, 2.9267** is the 20% darker color. If you saturate the color by 10%, you get **22.2712, 32.1859, 8.8061**, and if you desaturate by 10%, it is **25.5810, 33.7630, 14.7976**.

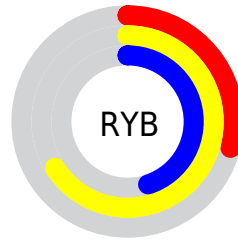
Distribution



Red (49%)

Green (66%)

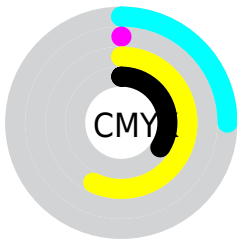
Blue (29%)



Red (29%)

Yellow (66%)

Blue (45%)

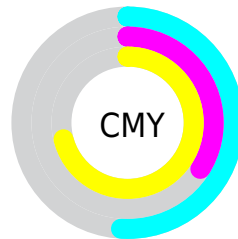


Cyan (25%)

Magenta (0%)

Yellow (57%)

Black (34%)



Cyan (51%)

Magenta (34%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8094, 32.9219, 11.4030 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 23.8094, 32.9219, 11.4030 by changing the saturation by 10% instead.

■ 23.8094, 32.9219,
11.4030

■ 23.8094, 32.9219,
11.4030

264.3138,
315.2977, 211.2476

■ 15.3163, 22.0666,
6.2210

■ 49.1759, 64.2536,
29.0510

■ 9.1294, 13.9059,
2.9090

■ 66.7800, 85.4988,
42.3540

■ 4.8835, 8.0552,
1.0483

■ 88.1518, 110.9760,
59.2012

■ 2.2131, 4.1303,
0.0000

■ 113.6567,
141.0698, 80.0110

■ 0.7496, 1.7467,
0.0000

■ 143.6600,
176.1645, 105.2020

■ 0.0000, 0.4536,
0.0000

178.5270,

■ 0.0000, 0.0000,

216.6444, 135.1928

0.0000

218.6232,
262.8940, 170.4018

■ 23.8094, 32.9219,
11.4030

■ 23.8094, 32.9219,
11.4030

■ 22.2712, 32.1859,
8.8061

■ 25.5810, 33.7630,
14.7976

■ 20.9499, 31.5447,
6.9391

■ 27.5964, 34.7100,
19.0460

■ 19.8300, 30.9930,
5.7269

■ 29.8681, 35.7693,
24.2017

■ 18.8893, 30.5218,
5.0623

■ 32.4067, 36.9454,
30.3131

■ 18.5910, 30.3717,
4.8825

■ 35.2226, 38.2425,
37.4254

■ 38.3251, 39.6646,
45.5809

■ 41.7233, 41.2155,
54.8191

■ 45.4258, 42.8987,
65.1780

■ 49.4407, 44.7178,
76.6932

Harmonies

Analogous

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



30.1851, 32.9219, 8.3924



23.8094, 32.9219, 11.4030



19.9816, 32.9219, 20.7931

Triad

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



23.8094, 32.9219, 11.4030



25.4623, 32.9219, 87.6426



48.0219, 32.9219, 32.7350

Complementary

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



23.8094, 32.9219, 11.4030



16.5220, 11.2380, 38.3460

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.



46.2216, 32.9219, 56.8275



23.8094, 32.9219, 11.4030



32.4241, 32.9219, 94.9601

Square

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



23.8094, 32.9219, 11.4030



20.8233, 32.9219, 64.7165



40.1962, 32.9219, 81.9519



44.7848, 32.9219, 17.1650

Rectangle

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



23.8094, 32.9219, 11.4030



19.0001, 32.9219, 31.9865



40.1962, 32.9219, 81.9519



47.9893, 32.9219, 40.0048

Sweetspot

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



23.8102, 32.9233, 11.4037



58.4340, 66.8687, 54.0934



23.3884, 20.8793, 9.1012



12.5385, 14.4831, 11.3065



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.8102, 32.9233, 11.4037



39.7270, 58.0721, 14.9387



18.4585, 30.1644, 11.1533



7.8219, 8.6063, 8.0382



14.0982, 22.9651, 3.6897



0.4004, 0.5883, 0.0925

Inverse Universe

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



16.5220, 11.2380, 38.3460



25.1981, 14.7761, 68.7491



24.2844, 15.2396, 38.7092



7.4348, 7.4568, 9.4658



7.5434, 3.2722, 28.2095



0.2428, 0.1101, 0.6891

Previews

White Background



This preview shows how the XYZ color 23.8094, 32.9219, 11.4030 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 23.8094, 32.9219, 11.4030 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 23.8094, 32.9219, 11.4030

Background



This preview shows how black text looks on a background with the XYZ color 23.8094, 32.9219, 11.4030.



This preview shows how white text looks on a background with the XYZ color 23.8094, 32.9219,

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

23.8094, 32.9219, 11.4030

Protanopia

29.8088, 32.6430, 10.3599

Deuteranopia

33.0802, 32.3791, 11.9034



Tritanopia

30.1300, 32.8450, 42.7819

Trichromacy



Original Color

23.8094, 32.9219, 11.4030

Protanomaly

27.1939, 32.5524, 10.6443

Deuteranomaly

28.9972, 32.1940, 11.7069

Tritanomaly

27.1250, 32.6583, 27.7957

Monochromacy



Original Color

23.8094, 32.9219, 11.4030

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.2022, 29.5176, 21.8219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8094, 32.9219, 11.4030 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(126, 168, 73)` looks like.

```
.text, #text, p{  
    color:rgb(126, 168, 73)  
}
```

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(126, 168, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 73) }
```

Border

The CSS property to change the border of an element to XYZ 23.8094, 32.9219, 11.4030 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(126, 168, 73) }
```


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

```
.border{ border-color:rgb(126, 168, 73) }
```

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

Here you see how a box with a 4 pixel rgb(126, 168, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 168, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 168, 73);  
box-shadow:4px 4px 4px 4px rgb(126, 168,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8094, 32.9219, 11.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 73) }
```

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

```
.background{ background-color: rgb(126,  
168, 73) }
```

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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