

Converting Colors

XYZ(32.2938, 45.8746, 25.8915)

Have a look what the booklet for
XYZ(32.2938, 45.8746, 25.8915)
contains.

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Color

**XYZ(32.2938, 45.8746,
25.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC57B
RGB	127, 197, 123
RGB Percent	50%, 77%, 48%
CMY	0.5020, 0.2274, 0.5176
CMYK	0.36, 0.00, 0.38, 0.23
HSL	117°, 39%, 63%
HSV	117°, 38%, 77%
XYZ	32.2938, 45.8746, 25.8915
YIQ	167.6340, -17.9660, -37.8540

Conversions

Conversions Part 2

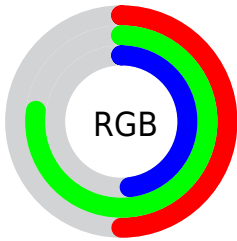
Format	Color
RYB	123, 197, 193
Decimal	8373627
CIELab	73.46, -36.72, 30.34
CIELCh	73, 47.637, 140.437
Yxy	45.8746, 0.3103, 0.4408
Android (android.graphics.Color)	4286563707 (0xFF7FC57B)
YUV	167.6340, -22.0046, -35.6360
Hunter-Lab	67.7308, -33.4207, 24.7467

Details

The XYZ color **32.2938, 45.8746, 25.8915** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **39.1554, 29.5360, 56.4631**, and the grayscale version is **37.1517, 39.0865, 42.5652**.

A 20% lighter version of the original color is **62.5697, 83.9633, 53.9831**, and **13.8491, 21.5818, 9.7391** is the 20% darker color. If you saturate the color by 10%, you get **28.6593, 44.1308, 19.9191**, and if you desaturate by 10%, it is **36.6922, 47.9863, 33.1970**.

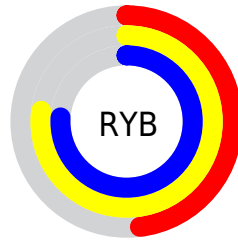
Distribution



Red (50%)

Green (77%)

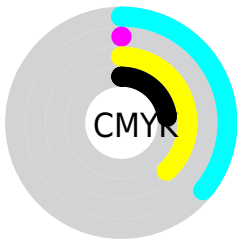
Blue (48%)



Red (48%)

Yellow (77%)

Blue (76%)

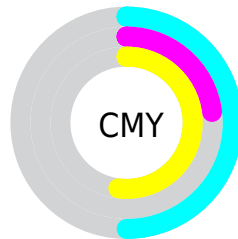


Cyan (36%)

Magenta (0%)

Yellow (38%)

Black (23%)



Cyan (50%)

Magenta (23%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2938, 45.8746, 25.8915 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 32.2938, 45.8746, 25.8915 by changing the saturation by 10% instead.

■ 32.2938, 45.8746,
25.8915

■ 32.2938, 45.8746,
25.8915

304.1770,
370.3043, 295.8376

■ 21.7426, 32.1469,
16.5175

■ 62.6335, 84.0313,
54.0818

■ 13.7835, 21.4737,
9.7327

■ 83.1527, 109.2291,
73.7351

■ 8.0509, 13.4707,
5.1188

■ 107.7253,
139.0190, 97.6519

■ 4.1796, 7.7535,
2.2572

136.7167,
173.7854, 126.2508

■ 1.8042, 3.9376,
0.7071

170.4922,
213.9127, 159.9503

■ 0.5202, 1.6387,
0.0000

209.4172,

■ 0.0000, 0.3835,

259.7854, 199.1689

0.0000

253.8570,
311.7878, 244.3251

■ 0.0000, 0.0000,
0.0000

■ 32.2938, 45.8746,
25.8915

■ 32.2938, 45.8746,
25.8915

■ 28.6593, 44.1308,
19.9191

■ 36.6922, 47.9863,
33.1970

■ 25.7420, 42.7283,
15.1965

■ 41.8908, 50.4789,
41.9060

■ 23.4951, 41.6465,
11.6360

■ 47.9280, 53.3721,
52.0877

■ 21.8654, 40.8600,
9.1370

■ 54.8386, 56.6824,
63.8058

■ 20.7911, 40.3394,
7.5822

■ 62.6554, 60.4255,
77.1203

■ 20.1935, 40.0480,
6.8036

■ 71.4095, 64.6162,
92.0878

■ 20.1005, 40.0031,
6.6620

■ 79.2572, 68.4143,
103.6357

Harmonies

Analogous

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



38.2000, 45.8746, 17.9233



32.2938, 45.8746, 25.8915



29.5302, 45.8746, 42.6488

Triad

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



32.2938, 45.8746, 25.8915



40.9725, 45.8746, 110.8933



60.5648, 45.8746, 35.4705

Complementary

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



32.2938, 45.8746, 25.8915



39.1554, 29.5360, 56.4631

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.



61.5568, 45.8746, 58.0395



32.2938, 45.8746, 25.8915



49.4916, 45.8746, 107.0754

Square

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



32.2938, 45.8746, 25.8915



34.0988, 45.8746, 94.7948



57.2838, 45.8746, 85.6040



54.7257, 45.8746, 22.0928

Rectangle

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



32.2938, 45.8746, 25.8915



29.5632, 45.8746, 58.8106



57.2838, 45.8746, 85.6040



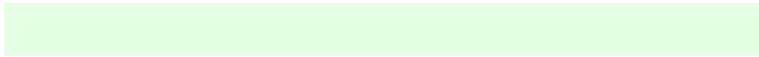
61.5030, 45.8746, 42.0267

Sweetspot

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



32.2950, 45.8765, 25.8925



81.7611, 93.6335, 86.4007



45.4674, 51.0313, 26.1932



17.1785, 19.8873, 17.9505



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.



32.2950, 45.8765, 25.8925



52.4464, 79.5732, 37.5027



34.0581, 46.5143, 38.2241



10.5496, 11.9148, 11.3065



13.2431, 26.3224, 4.3827



0.6460, 1.2561, 0.2084

Inverse Universe

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



39.1554, 29.5360, 56.4631



66.4602, 46.1522, 100.0132



36.8960, 28.7516, 39.1720



11.0243, 10.7863, 13.4184



20.0280, 9.5590, 35.5338



0.9660, 0.4618, 1.6834

Previews

White Background



This preview shows how the XYZ color 32.2938, 45.8746, 25.8915 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 32.2938, 45.8746, 25.8915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

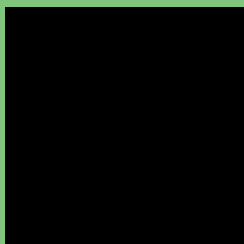
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2938, 45.8746, 25.8915

Background



This preview shows how black text looks on a background with the XYZ color 32.2938, 45.8746, 25.8915.



This preview shows how white text looks on a background with the XYZ color 32.2938, 45.8746,

25.8915.

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

32.2938, 45.8746, 25.8915

Protanopia

41.9793, 45.5056, 23.0939

Deuteranopia

46.1555, 45.2362, 27.0677



Tritanopia

39.5863, 45.5557, 62.5838

Trichromacy



Original Color

32.2938, 45.8746, 25.8915



Protanomaly

37.4662, 44.9958, 24.1631



Deuteranomaly

39.6460, 44.5251, 26.5833



Tritanomaly

36.4902, 45.5971, 46.4130

Monochromacy



Original Color

32.2938, 45.8746, 25.8915



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

34.9245, 41.2795, 35.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2938, 45.8746, 25.8915 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(127, 197, 123)` looks like.

```
.text, #text, p{  
    color:rgb(127, 197, 123)  
}
```

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(127, 197, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 197, 123) }
```

Border

The CSS property to change the border of an element to XYZ 32.2938, 45.8746, 25.8915 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(127, 197, 123) }
```


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

```
.border{ border-color:rgb(127, 197, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 197, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 197, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 197, 123);  
box-shadow:4px 4px 4px 4px rgb(127, 197,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2938, 45.8746, 25.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 197, 123) }
```

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

```
.background{ background-color: rgb(127,  
197, 123) }
```

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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