

Converting Colors

XYZ(30.5779, 38.4572, 45.4890)

Have a look what the booklet for
XYZ(30.5779, 38.4572, 45.4890)
contains.

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Color

**XYZ(30.5335, 38.5028,
45.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	73B2AD
RGB	115, 178, 173
RGB Percent	45%, 70%, 68%
CMY	0.5490, 0.3019, 0.3216
CMYK	0.35, 0.00, 0.03, 0.30
HSL	175°, 29%, 57%
HSV	175°, 35%, 70%
XYZ	30.5335, 38.5028, 45.3577
YIQ	158.5930, -35.9430, -14.9110

Conversions

Conversions Part 2

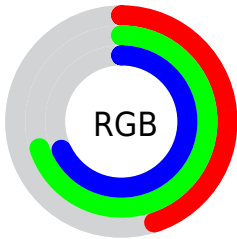
Format	Color
RYB	115, 148, 178
Decimal	7582381
CIELab	68.39, -21.31, -3.87
CIELCh	68, 21.658, 190.292
Yxy	38.5028, 0.2669, 0.3366
Android (android.graphics.Color)	4285772461 (0xFF73B2AD)
YUV	158.5930, 7.1027, -38.2311
Hunter-Lab	62.0506, -20.7534, 0.0957

Details

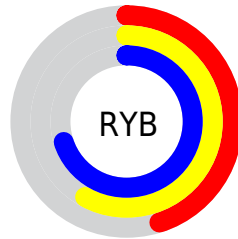
The XYZ color **30.5335, 38.5028, 45.3577** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.8824, 23.0837, 20.7569**, and the grayscale version is **32.7503, 34.4558, 37.5224**.

A 20% lighter version of the original color is **59.7886, 72.8821, 84.3152**, and **12.7714, 17.0718, 20.7112** is the 20% darker color. If you saturate the color by 10%, you get **28.2793, 37.3574, 44.5428**, and if you desaturate by 10%, it is **33.2434, 39.8849, 46.2031**.

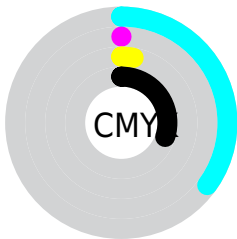
Distribution



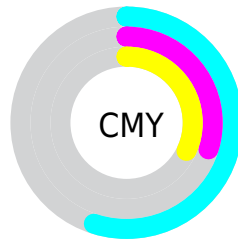
- Red (45%)
- Green (70%)
- Blue (68%)



- Red (45%)
- Yellow (58%)
- Blue (70%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (55%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5335, 38.5028, 45.3577 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 30.5335, 38.5028, 45.3577 by changing the saturation by 10% instead.

■ 30.5335, 38.5028,
45.3577

■ 30.5335, 38.5028,
45.3577

296.2488,
339.7720, 384.4226

■ 20.3940, 26.3732,
31.3943

■ 59.8857, 72.8781,
84.5810

■ 12.7917, 17.1030,
20.6383

■ 79.8291, 95.8926,
110.6780

■ 7.3613, 10.3080,
12.6712

■ 103.7712,
123.3042, 141.6566

■ 3.7374, 5.6036,
7.0745

132.0772,
155.4972, 177.9354

■ 1.5547, 2.6056,
3.4296

165.1127,
192.8561, 219.9328

■ 0.3626, 0.9295,
1.3179

203.2428,

■ 0.0000, 0.0000,

235.7653, 268.0675

0.0764

246.8331,
284.6091, 322.7579

■ 0.0000, 0.0000,
0.0000

■ 30.5335, 38.5028,
45.3577

■ 30.5335, 38.5028,
45.3577

■ 28.2793, 37.3574,
44.5428

■ 33.2434, 39.8849,
46.2031

■ 26.4513, 36.4306,
43.7546

■ 36.4295, 41.5113,
47.0775

■ 25.0218, 35.7091,
42.9926

■ 40.1155, 43.3953,
47.9829

■ 23.9586, 35.1761,
42.2552

■ 44.3222, 45.5475,
48.9204

■ 23.2241, 34.8125,
41.5406

■ 49.0693, 47.9782,
49.8907

■ 22.7718, 34.5943,
40.8466

■ 54.3755, 50.6969,
50.8949

■ 22.6102, 34.5178,
40.5316

■ 60.2586, 53.7129,
51.9337

■ 65.8451, 56.5757,
52.9664

■ 65.9943, 56.6354,
53.7524

Harmonies

Analogous

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



30.7803, 38.5028, 35.9215



30.5335, 38.5028, 45.3577



31.8327, 38.5028, 55.2326

Triad

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



30.5335, 38.5028, 45.3577



40.9879, 38.5028, 57.8852



38.8447, 38.5028, 26.6529

Complementary

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



30.5335, 38.5028, 45.3577



27.8824, 23.0837, 20.7569

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.



41.8117, 38.5028, 30.9443



30.5335, 38.5028, 45.3577



43.1011, 38.5028, 48.5583

Square

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



30.5335, 38.5028, 45.3577



37.7762, 38.5028, 63.1723



43.4116, 38.5028, 38.6662



35.4402, 38.5028, 26.0692

Rectangle

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



30.5335, 38.5028, 45.3577



33.4509, 38.5028, 60.3764



43.4116, 38.5028, 38.6662



39.9318, 38.5028, 27.6742

Sweetspot

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



30.5346, 38.5043, 45.3586



68.7564, 76.6529, 86.0518



26.7966, 37.0912, 21.9675



15.0392, 16.8834, 19.0164



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.5346, 38.5043, 45.3586



52.2933, 68.2570, 81.1618



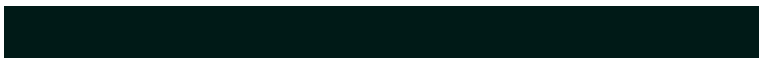
26.2950, 29.2359, 46.3785



8.7130, 9.6197, 10.7481



16.1880, 24.7012, 29.0564



0.5179, 0.7806, 0.9592

Inverse Universe

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



27.8824, 23.0837, 20.7569



46.8088, 36.3405, 30.2674



31.0178, 29.8277, 20.3430



8.5228, 8.5159, 8.9857



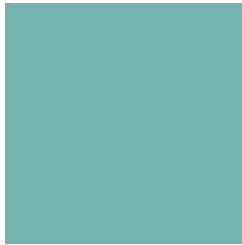
13.2041, 6.7992, 0.9690



0.4244, 0.2175, 0.0778

Previews

White Background



This preview shows how the XYZ color 30.5335, 38.5028, 45.3577 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 30.5335, 38.5028, 45.3577 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

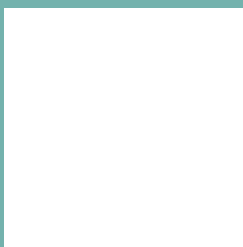
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5335, 38.5028, 45.3577

Background



This preview shows how black text looks on a background with the XYZ color 30.5335, 38.5028, 45.3577.

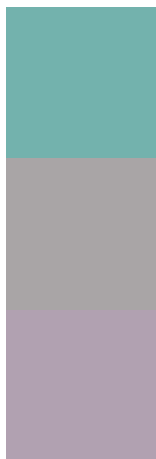


This preview shows how white text looks on a background with the XYZ color 30.5335, 38.5028,

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

30.5335, 38.5028, 45.3577

Protanopia

36.7003, 38.0985, 41.4958

Deuteranopia

38.8121, 38.0112, 46.8862



Tritanopia

32.2320, 38.2996, 54.4090

Trichromacy



Original Color

30.5335, 38.5028, 45.3577

Protanomaly

33.9306, 38.0036, 43.0832

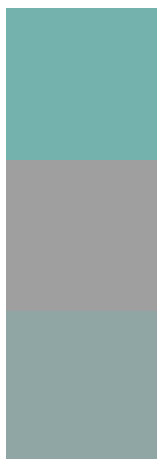
Deuteranomaly

34.9816, 37.6420, 46.4962

Tritanomaly

31.6483, 38.3629, 51.0841

Monochromacy



Original Color

30.5335, 38.5028, 45.3577

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6648, 35.7924, 40.3617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5335, 38.5028, 45.3577 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(115, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(115, 178, 173)  
}
```

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(115, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 178, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.5335, 38.5028, 45.3577 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(115, 178, 173) }
```


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

```
.border{ border-color:rgb(115, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(115, 178,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5335, 38.5028, 45.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 178, 173) }
```

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

```
.background{ background-color: rgb(115,  
178, 173) }
```

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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