

Converting Colors

XYZ(30.2114, 38.7575, 39.2215)

Have a look what the booklet for
XYZ(30.2114, 38.7575, 39.2215)
contains.

XYZ(30.2110, 38.7713, 39.1490)	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(30.2110, 38.7713,
39.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	78B3A0
RGB	120, 179, 160
RGB Percent	47%, 70%, 63%
CMY	0.5294, 0.2980, 0.3725
CMYK	0.33, 0.00, 0.11, 0.30
HSL	161°, 28%, 59%
HSV	161°, 33%, 70%
XYZ	30.2110, 38.7713, 39.1490
YIQ	159.1930, -29.0650, -18.4170

Conversions

Conversions Part 2

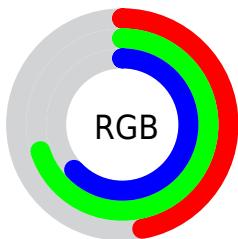
Format	Color
RYB	120, 155, 179
Decimal	7910304
CIELab	68.59, -23.36, 3.62
CIElCh	69, 23.642, 171.192
Yxy	38.7713, 0.2794, 0.3586
Android (android.graphics.Color)	4286100384 (0xFF78B3A0)
YUV	159.1930, 0.3979, -34.3723
Hunter-Lab	62.2666, -22.3605, 6.3091

Details

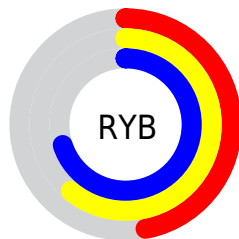
The XYZ color **30.2110, 38.7713, 39.1490** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9684, 24.8818, 27.6509**, and the grayscale version is **33.0516, 34.7728, 37.8676**.

A 20% lighter version of the original color is **59.4296, 73.3216, 75.3102**, and **12.6051, 17.2548, 17.1341** is the 20% darker color. If you saturate the color by 10%, you get **27.4643, 37.4133, 36.4491**, and if you desaturate by 10%, it is **33.4474, 40.3811, 41.9956**.

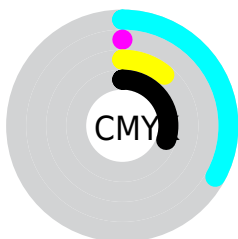
Distribution



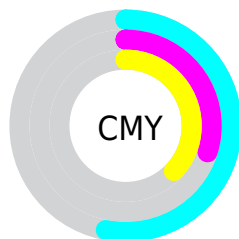
- Red (47%)
- Green (70%)
- Blue (63%)



- Red (47%)
- Yellow (61%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2110, 38.7713, 39.1490 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 30.2110, 38.7713, 39.1490 by changing the saturation by 10% instead.

■ 30.2110, 38.7713,
39.1490

■ 30.2110, 38.7713,
39.1490

294.7789,
340.9172, 357.9684

■ 20.1477, 26.5819,
26.5669

■ 59.3800, 73.2888,
75.0887

■ 12.6113, 17.2594,
17.0187

■ 79.2165, 96.3857,
99.2835

■ 7.2366, 10.4196,
10.0857

■ 103.0413,
123.8871, 128.1862

■ 3.6581, 5.6781,
5.3495

131.2199,
156.1776, 162.2155

■ 1.5106, 2.6503,
2.3914

164.1176,
193.6414, 201.7898

■ 0.3330, 0.9520,
0.7818

202.0998,

■ 0.0000, 0.0000,

236.6630, 247.3277

0.0000

245.5318,
285.6268, 299.2477

■ 30.2110, 38.7713,
39.1490

■ 30.2110, 38.7713,
39.1490

■ 27.4643, 37.4133,
36.4491

■ 33.4474, 40.3811,
41.9956

■ 25.1777, 36.2887,
33.8904

■ 37.1944, 42.2504,
44.9889

■ 23.3236, 35.3846,
31.4707

■ 41.4757, 44.3923,
48.1326

■ 21.8698, 34.6842,
29.1869

■ 46.3124, 46.8178,
51.4291

■ 20.7796, 34.1686,
27.0354

■ 51.7245, 49.5371,
54.8808

■ 20.0089, 33.8153,
25.0125

■ 57.7312, 52.5599,
58.4902

■ 19.5937, 33.6307,
23.6616

■ 64.3504, 55.8957,
62.2596

■ 68.5161, 57.9637,
66.0468

■ 69.2301, 58.2493,
69.8067

Harmonies

Analogous

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



31.5422, 38.7713, 30.6114



30.2110, 38.7713, 39.1490



30.5630, 38.7713, 50.0806

Triad

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



30.2110, 38.7713, 39.1490



39.5036, 38.7713, 64.3968



41.5288, 38.7713, 28.1527

Complementary

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



30.2110, 38.7713, 39.1490



29.9684, 24.8818, 27.6509

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.



43.9472, 38.7713, 35.2200



30.2110, 38.7713, 39.1490



42.7242, 38.7713, 56.4338

Square

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



30.2110, 38.7713, 39.1490



35.7641, 38.7713, 65.9278



44.3988, 38.7713, 45.4378



37.9596, 38.7713, 25.0034

Rectangle

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



30.2110, 38.7713, 39.1490



31.7154, 38.7713, 57.2316



44.3988, 38.7713, 45.4378



42.5130, 38.7713, 30.0863

Sweetspot

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



30.2121, 38.7729, 39.1499



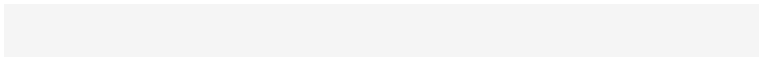
68.6542, 76.6872, 82.1153



30.2706, 39.1444, 23.7302



14.9831, 16.8764, 18.0218



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.



30.2121, 38.7729, 39.1499



50.2358, 67.5218, 66.3594



30.1026, 35.6872, 47.9513



8.6239, 9.5840, 10.2790



13.8759, 23.7764, 16.8814



0.4619, 0.7582, 0.6642

Inverse Universe

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



29.9684, 24.8818, 27.6509



49.7340, 38.5653, 42.4197



29.9423, 26.8618, 21.3767



8.6054, 8.5489, 9.4206



13.6971, 6.9964, 3.5648



0.4583, 0.2311, 0.2563

Previews

White Background



This preview shows how the XYZ color 30.2110, 38.7713, 39.1490 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 30.2110, 38.7713, 39.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

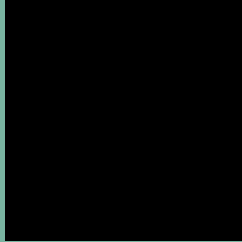
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2110, 38.7713, 39.1490

Background



This preview shows how black text looks on a background with the XYZ color 30.2110, 38.7713, 39.1490.



This preview shows how white text looks on a background with the XYZ color 30.2110, 38.7713,

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

30.2110, 38.7713, 39.1490

Protanopia

36.6196, 38.4566, 35.6298

Deuteranopia

39.2129, 38.3604, 40.4595



Tritanopia

33.1195, 38.7697, 53.8818

Trichromacy



Original Color

30.2110, 38.7713, 39.1490

Protanomaly

33.8901, 38.3961, 37.0775

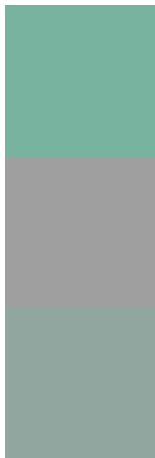
Deuteranomaly

35.3114, 38.2267, 40.1677

Tritanomaly

31.8734, 38.5501, 47.8805

Monochromacy



Original Color

30.2110, 38.7713, 39.1490

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.5713, 35.7954, 38.0461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2110, 38.7713, 39.1490 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(120, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(120, 179, 160)  
}
```

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(120, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 179, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.2110, 38.7713, 39.1490 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(120, 179, 160) }
```


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

```
.border{ border-color:rgb(120, 179, 160) }
```

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

Here you see how a box with a 4 pixel rgb(120, 179, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(120, 179,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2110, 38.7713, 39.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 179, 160) }
```

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

```
.background{ background-color: rgb(120,  
179, 160) }
```

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