

Converting Colors

XYZ(30.6360, 39.9577, 41.4308)

Have a look what the booklet for
XYZ(30.6360, 39.9577, 41.4308)
contains.

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Color

**XYZ(30.4990, 39.7811,
41.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	73B6A4
RGB	115, 182, 164
RGB Percent	45%, 71%, 64%
CMY	0.5490, 0.2863, 0.3569
CMYK	0.37, 0.00, 0.10, 0.29
HSL	164°, 31%, 58%
HSV	164°, 37%, 71%
XYZ	30.4990, 39.7811, 41.1930
YIQ	159.9150, -34.1540, -19.8020

Conversions

Conversions Part 2

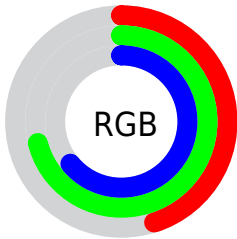
Format	Color
RYB	115, 154, 182
Decimal	7583396
CIELab	69.31, -25.42, 2.44
CIELCh	69, 25.537, 174.512
Yxy	39.7811, 0.2736, 0.3569
Android (android.graphics.Color)	4285773476 (0xFF73B6A4)
YUV	159.9150, 2.0139, -39.3905
Hunter-Lab	63.0723, -24.0616, 5.4278

Details

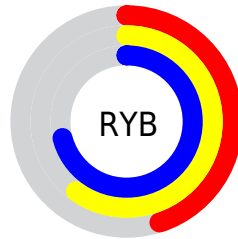
The XYZ color **30.4990, 39.7811, 41.1930** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.6571, 23.9010, 25.2420**, and the grayscale version is **33.3776, 35.1159, 38.2412**.

A 20% lighter version of the original color is **59.7229, 74.6986, 78.2884**, and **12.7615, 17.8945, 18.1106** is the 20% darker color. If you saturate the color by 10%, you get **27.9050, 38.4949, 38.8110**, and if you desaturate by 10%, it is **33.5848, 41.3209, 43.6884**.

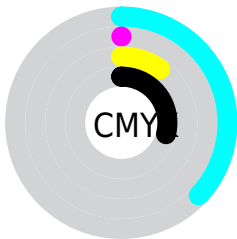
Distribution



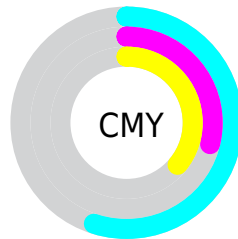
- Red (45%)
- Green (71%)
- Blue (64%)



- Red (45%)
- Yellow (60%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (55%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4990, 39.7811, 41.1930 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 30.4990, 39.7811, 41.1930 by changing the saturation by 10% instead.


 30.4990, 39.7811,
41.1930


 30.4990, 39.7811,
41.1930


296.0918,
345.2001, 366.8271


 20.3676, 27.3679,
28.1491


 59.8317, 74.8301,
78.2336

 12.7724, 17.8497,
18.1981


 79.7636, 98.2346,
103.0674

 7.3479, 10.8422,
10.9214

 103.6932,
126.0718, 132.6683

 3.7289, 5.9608,
5.9005

131.9856,
158.7259, 167.4547

 1.5499, 2.8213,
2.7168

165.0064,
196.5814, 207.8453

 0.3594, 1.0391,
0.9519

203.1207,

 0.0000, 0.0000,

240.0227, 254.2585

0.0000

246.6941,
289.4341, 307.1129

■ 30.4990, 39.7811,
41.1930

■ 30.4990, 39.7811,
41.1930

■ 27.9050, 38.4949,
38.8110

■ 33.5848, 41.3209,
43.6884

■ 25.7712, 37.4430,
36.5374

■ 37.1847, 43.1227,
46.2965

■ 24.0678, 36.6111,
34.3707


■ 41.3240, 45.2006,
49.0205


■ 22.7596, 35.9810,
32.3080


■ 46.0252, 47.5661,
51.8624


■ 21.8059, 35.5318,
30.3466


■ 51.3092, 50.2301,
54.8239


 21.1506, 35.2345,
28.4828

 57.1963, 53.2028,
57.9070

 20.9694, 35.1536,
27.9075

 63.7055, 56.4942,
61.1135

 68.7628, 59.0350,
64.3471

 69.3554, 59.2720,
67.4678

Harmonies

Analogous

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



31.7525, 39.7811, 31.4936



30.4990, 39.7811, 41.1930



31.0867, 39.7811, 53.3653

Triad

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



30.4990, 39.7811, 41.1930



41.1741, 39.7811, 67.2552



42.5706, 39.7811, 27.4198

Complementary

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



30.4990, 39.7811, 41.1930



29.6571, 23.9010, 25.2420

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.



45.4406, 39.7811, 34.6129



30.4990, 39.7811, 41.1930



44.5944, 39.7811, 57.7761

Square

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



30.4990, 39.7811, 41.1930



37.0624, 39.7811, 69.8763



46.2066, 39.7811, 45.5084



38.5691, 39.7811, 24.5154

Rectangle

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



30.4990, 39.7811, 41.1930



32.4670, 39.7811, 61.1342



46.2066, 39.7811, 45.5084



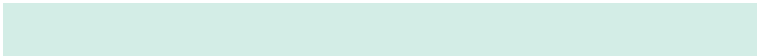
43.7109, 39.7811, 29.3456

Sweetspot

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



30.5001, 39.7827, 41.1939



71.5125, 80.2346, 86.6845



29.6525, 39.7624, 22.3323



15.5716, 17.6092, 18.9989



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.5001, 39.7827, 41.1939



51.4923, 70.2350, 71.2384



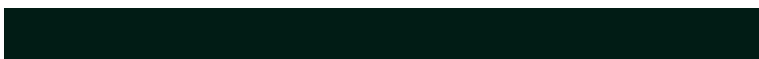
29.4224, 34.8386, 49.4317



9.1609, 10.1683, 11.0046



14.8365, 24.8355, 19.8588



0.5473, 0.8852, 0.8281

Inverse Universe

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



29.6571, 23.9010, 25.2420



49.7548, 37.3194, 38.2253



30.3057, 27.0209, 19.8385



9.1011, 9.0508, 9.8797



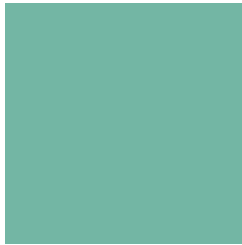
14.0376, 7.1888, 2.8189



0.5215, 0.2641, 0.2399

Previews

White Background



This preview shows how the XYZ color 30.4990, 39.7811, 41.1930 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 30.4990, 39.7811, 41.1930 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

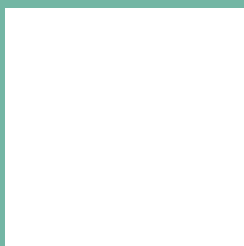
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4990, 39.7811, 41.1930

Background



This preview shows how black text looks on a background with the XYZ color 30.4990, 39.7811, 41.1930.



This preview shows how white text looks on a background with the XYZ color 30.4990, 39.7811,

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

30.4990, 39.7811, 41.1930

Protanopia

37.4589, 39.4042, 37.0840

Deuteranopia

40.1727, 39.3358, 42.5210



Tritanopia

33.4609, 39.7841, 55.7847

Trichromacy



Original Color

30.4990, 39.7811, 41.1930

Protanomaly

34.3384, 39.1626, 38.5502

Deuteranomaly

35.8470, 39.0131, 42.2002

Tritanomaly

32.1713, 39.5395, 50.1923

Monochromacy



Original Color

30.4990, 39.7811, 41.1930

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.9373, 36.5078, 39.0816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4990, 39.7811, 41.1930 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, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(115, 182, 164)  
}
```

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, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 182, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.4990, 39.7811, 41.1930 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, 182, 164) }
```


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

```
.border{ border-color:rgb(115, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(115, 182,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4990, 39.7811, 41.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 182, 164) }
```

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

```
.background{ background-color: rgb(115,  
182, 164) }
```

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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