

Converting Colors

XYZ(27.0181, 33.3449, 48.2996)

Have a look what the booklet for
XYZ(27.0181, 33.3449, 48.2996)
contains.

XYZ(26.9114, 33.1644, 48.1630)	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(26.9114, 33.1644,
48.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	62A6B4
RGB	98, 166, 180
RGB Percent	38%, 65%, 71%
CMY	0.6157, 0.3490, 0.2941
CMYK	0.46, 0.08, 0.00, 0.29
HSL	190°, 35%, 55%
HSV	190°, 46%, 71%
XYZ	26.9114, 33.1644, 48.1630
YIQ	147.2640, -45.0220, -10.0620

Conversions

Conversions Part 2

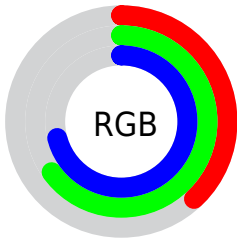
Format	Color
R_{YB}	98, 135, 180
Decimal	6465204
CIE _{Lab}	64.29, -17.77, -13.95
CIE _{LCh}	64, 22.591, 218.132
Y _{xy}	33.1644, 0.2486, 0.3064
Android (android.graphics.Color)	4284655284 (0xFF62A6B4)
YUV	147.2640, 16.1388, -43.2045
Hunter-Lab	57.5885, -17.3660, -9.2740

Details

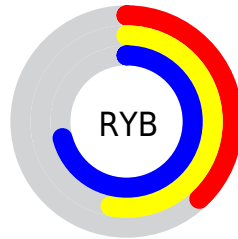
The XYZ color **26.9114, 33.1644, 48.1630** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.8217, 22.1740, 14.4224**, and the grayscale version is **27.7919, 29.2392, 31.8415**.

A 20% lighter version of the original color is **54.1336, 64.5413, 88.9615**, and **10.7625, 14.0384, 22.2211** is the 20% darker color. If you saturate the color by 10%, you get **24.6316, 31.1705, 47.8989**, and if you desaturate by 10%, it is **29.6433, 35.4127, 48.4536**.

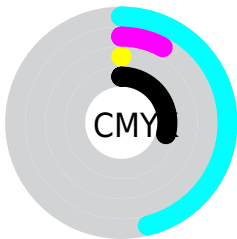
Distribution



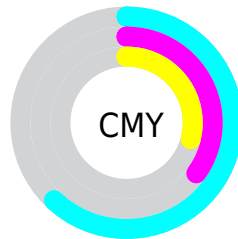
- Red (38%)
- Green (65%)
- Blue (71%)



- Red (38%)
- Yellow (53%)
- Blue (71%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9114, 33.1644, 48.1630 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 26.9114, 33.1644, 48.1630 by changing the saturation by 10% instead.

■ 26.9114, 33.1644,
48.1630

■ 26.9114, 33.1644,
48.1630

279.4033,
316.3899, 395.9652

■ 17.6429, 22.2524,
33.5951

■ 54.1626, 64.6321,
88.8151

■ 10.7921, 14.0425,
22.3079

■ 72.8760, 85.9566,
115.7364

■ 5.9935, 8.1502,
13.8828

■ 95.4684, 111.5208,
147.6125

■ 2.8817, 4.1912,
7.9014

■ 122.3052,
141.7090, 184.8621

■ 1.0915, 1.7811,
3.9450

153.7517,
176.9056, 227.9036

■ 0.0180, 0.4754,
1.5952

190.1733,

■ 0.0000, 0.0000,

217.4950, 277.1556

0.2874

231.9354,
263.8616, 333.0366

■ 0.0000, 0.0000,
0.0000

■ 26.9114, 33.1644,
48.1630

■ 26.9114, 33.1644,
48.1630

■ 24.6316, 31.1705,
47.8989

■ 29.6433, 35.4127,
48.4536

■ 22.7712, 29.4117,
47.6575

■ 32.8512, 37.9256,
48.7695

■ 21.2977, 27.8719,
47.4379

■ 36.5610, 40.7173,
49.1129

■ 20.1724, 26.5311,
47.2384

■ 40.7957, 43.7998,
49.4847

■ 19.3470, 25.3640,
47.0567

■ 45.5769, 47.1845,
49.8859

■ 19.0289, 24.8765,
46.9793

■ 50.9250, 50.8818,
50.3177

■ 56.8594, 54.9019,
50.7809

■ 63.3983, 59.2545,
51.2764

■ 68.6942, 62.9871,
51.7178

Harmonies

Analogous

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



25.7975, 33.1644, 38.6691



26.9114, 33.1644, 48.1630



29.2780, 33.1644, 55.1265

Triad

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



26.9114, 33.1644, 48.1630



37.6043, 33.1644, 43.1034



30.6567, 33.1644, 21.2849

Complementary

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



26.9114, 33.1644, 48.1630



26.8217, 22.1740, 14.4224

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.



33.8773, 33.1644, 22.0635



26.9114, 33.1644, 48.1630



38.0358, 33.1644, 33.6671

Square

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



26.9114, 33.1644, 48.1630



35.4889, 33.1644, 51.8772



36.6307, 33.1644, 26.2576



27.8619, 33.1644, 23.9134

Rectangle

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



26.9114, 33.1644, 48.1630



31.3210, 33.1644, 56.8176



36.6307, 33.1644, 26.2576



31.7234, 33.1644, 21.1667

Sweetspot

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



26.9124, 33.1657, 48.1638



67.2462, 74.5324, 89.1365



24.2651, 36.4023, 20.9804



14.2022, 15.8637, 19.2357



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.



26.9124, 33.1657, 48.1638



44.5175, 56.3868, 86.8320



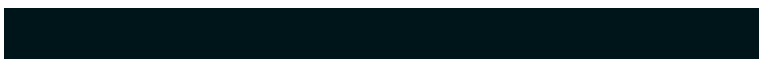
20.6519, 20.6446, 46.0769



8.6168, 9.3797, 10.8626



13.3238, 17.4479, 32.8025



0.4518, 0.6141, 1.0430

Inverse Universe

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



30.0738, 21.1927, 38.5833



51.1949, 32.5962, 66.2603



32.3644, 33.2594, 16.2700



8.7865, 8.6213, 10.3742



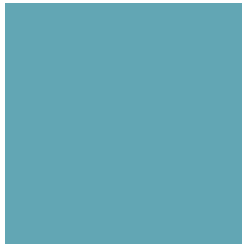
16.9599, 8.3015, 20.7464



0.5501, 0.2678, 0.7393

Previews

White Background



This preview shows how the XYZ color 26.9114, 33.1644, 48.1630 looks on a white background.

Color Contrast Check

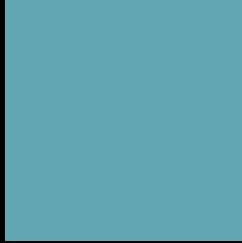
Large Text (above 18pt) WCAG AA × Fail

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 26.9114, 33.1644, 48.1630 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

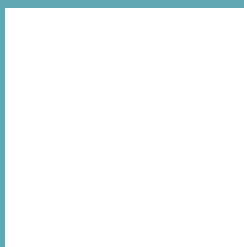
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9114, 33.1644, 48.1630

Background



This preview shows how black text looks on a background with the XYZ color 26.9114, 33.1644, 48.1630.



This preview shows how white text looks on a background with the XYZ color 26.9114, 33.1644,

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

26.9114, 33.1644, 48.1630

Protanopia

32.1389, 32.8621, 43.6788

Deuteranopia

33.5185, 32.7202, 49.3488



Tritanopia

26.8099, 33.1238, 47.6283

Trichromacy



Original Color

26.9114, 33.1644, 48.1630

Protanomaly

29.6376, 32.5354, 45.2753

Deuteranomaly

30.4853, 32.3886, 48.9008

Tritanomaly

26.8099, 33.1238, 47.6283

Monochromacy



Original Color

26.9114, 33.1644, 48.1630

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8669, 30.2815, 37.2298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9114, 33.1644, 48.1630 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(98, 166, 180)` looks like.

```
.text, #text, p{  
    color:rgb(98, 166, 180)  
}
```

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(98, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 166, 180) }
```

Border

The CSS property to change the border of an element to XYZ 26.9114, 33.1644, 48.1630 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(98, 166, 180) }
```


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

```
.border{ border-color:rgb(98, 166, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 166, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(98, 166,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9114, 33.1644, 48.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 166, 180) }
```

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

```
.background{ background-color: rgb(98, 166,  
180) }
```

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