

Converting Colors

XYZ(26.7710, 36.3287, 42.4187)

Have a look what the booklet for
XYZ(26.7710, 36.3287, 42.4187)
contains.

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Color

**XYZ(26.8145, 36.3461,
42.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	58B1A8
RGB	88, 177, 168
RGB Percent	35%, 69%, 66%
CMY	0.6549, 0.3059, 0.3412
CMYK	0.50, 0.00, 0.05, 0.31
HSL	174°, 36%, 52%
HSV	174°, 50%, 69%
XYZ	26.8145, 36.3461, 42.6480
YIQ	149.3630, -50.1550, -21.6670

Conversions

Conversions Part 2

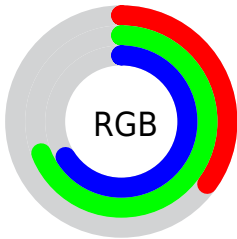
Format	Color
R _Y B	88, 135, 177
Decimal	5812648
CIE Lab	66.78, -28.90, -3.60
CIE LCh	67, 29.120, 187.107
Yxy	36.3461, 0.2534, 0.3435
Android (android.graphics.Color)	4284002728 (0xFF58B1A8)
YUV	149.3630, 9.1880, -53.8154
Hunter-Lab	60.2877, -26.1111, 0.2592

Details

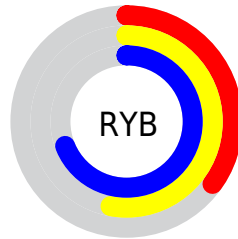
The XYZ color **26.8145, 36.3461, 42.6480** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.7801, 17.1907, 13.3753**, and the grayscale version is **28.6985, 30.1930, 32.8802**.

A 20% lighter version of the original color is **53.9598, 69.5348, 80.3896**, and **10.7367, 15.8704, 19.0204** is the 20% darker color. If you saturate the color by 10%, you get **25.1728, 35.5198, 41.7072**, and if you desaturate by 10%, it is **28.8674, 37.3859, 43.6216**.

Distribution



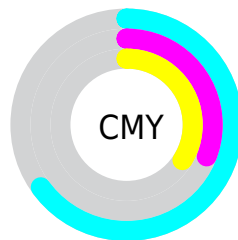
- Red (35%)
- Green (69%)
- Blue (66%)



- Red (35%)
- Yellow (53%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8145, 36.3461, 42.6480 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 26.8145, 36.3461, 42.6480 by changing the saturation by 10% instead.

■ 26.8145, 36.3461,
42.6480

■ 26.8145, 36.3461,
42.6480

278.9418,
330.4708, 373.0408

■ 17.5698, 24.7016,
29.2797

■ 54.0080, 69.5659,
80.4601

■ 10.7394, 15.8549,
19.0451

■ 72.6876, 91.9101,
105.7409

■ 5.9579, 9.4215,
11.5257

■ 95.2429, 118.5895,
135.8296

■ 2.8599, 5.0171,
6.3030

■ 122.0392,
149.9887, 171.1448

■ 1.0801, 2.2573,
2.9584

153.4419,
186.4921, 212.1049

■ 0.0084, 0.7510,
1.0735

189.8163,

■ 0.0000, 0.0000,

228.4839, 259.1286

0.0000

231.5278,
276.3487, 312.6344

■ 26.8145, 36.3461,
42.6480

■ 26.8145, 36.3461,
42.6480

■ 25.1728, 35.5198,
41.7072

■ 28.8674, 37.3859,
43.6216

■ 23.9090, 34.8872,
40.7953

■ 31.3553, 38.6488,
44.6268

■ 22.9903, 34.4322,
39.9114

■ 34.3039, 40.1489,
45.6657

■ 22.3765, 34.1341,
39.0536

■ 37.7359, 41.8979,
46.7393

■ 21.9894, 33.9521,
38.2410

■ 41.6727, 43.9070,
47.8487

■ 46.1343, 46.1862,
48.9949

■ 51.1395, 48.7455,
50.1788

■ 56.7065, 51.5941,
51.4013

■ 62.8522, 54.7408,
52.6632

Harmonies

Analogous

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



27.3255, 36.3461, 30.8802



26.8145, 36.3461, 42.6480



28.2303, 36.3461, 56.0607

Triad

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



26.8145, 36.3461, 42.6480



39.9038, 36.3461, 62.2056



37.9415, 36.3461, 21.1917

Complementary

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



26.8145, 36.3461, 42.6480



23.7801, 17.1907, 13.3753

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.



41.7394, 36.3461, 26.6862



26.8145, 36.3461, 42.6480



42.9378, 36.3461, 49.7649

Square

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



26.8145, 36.3461, 42.6480



35.6029, 36.3461, 68.8053



43.6366, 36.3461, 36.6528



33.5099, 36.3461, 20.0765

Rectangle

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



26.8145, 36.3461, 42.6480



30.1534, 36.3461, 63.5971



43.6366, 36.3461, 36.6528



39.3455, 36.3461, 22.5210

Sweetspot

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



26.8156, 36.3475, 42.6488



64.4129, 73.4198, 82.7411



22.5632, 34.7683, 14.7550



13.6897, 15.7739, 17.8460



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.8156, 36.3475, 42.6488



44.8910, 63.5165, 74.5703



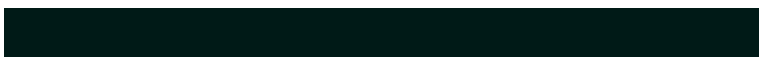
21.7664, 24.8602, 45.2478



8.7049, 9.6164, 10.7055



15.9444, 24.6037, 27.7735



0.5123, 0.7784, 0.9297

Inverse Universe

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



23.7801, 17.1907, 13.3753



38.8701, 25.3950, 16.4145



26.8680, 24.0006, 12.4498



8.5301, 8.5188, 9.0241



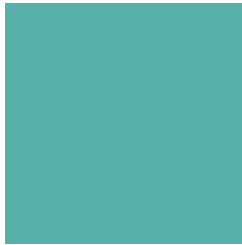
13.2265, 6.8082, 1.0869



0.4275, 0.2187, 0.0938

Previews

White Background



This preview shows how the XYZ color 26.8145, 36.3461, 42.6480 looks on a white background.

Color Contrast Check

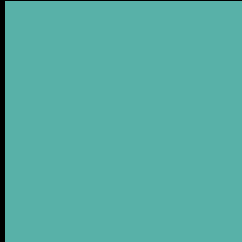
Large Text (above 18pt) WCAG AA × Fail

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 26.8145, 36.3461, 42.6480 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 26.8145, 36.3461, 42.6480

Background



This preview shows how black text looks on a background with the XYZ color 26.8145, 36.3461, 42.6480.

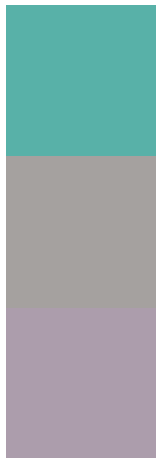


This preview shows how white text looks on a background with the XYZ color 26.8145, 36.3461,

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

26.8145, 36.3461, 42.6480

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

36.5166, 35.8632, 44.0274



Tritanopia

28.9325, 36.3358, 53.0656

Trichromacy



Original Color

26.8145, 36.3461, 42.6480

Protanomaly

30.6568, 35.5644, 39.4313

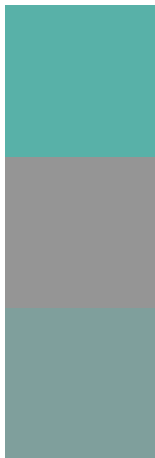
Deuteranomaly

31.6107, 35.1539, 43.6474

Tritanomaly

28.0841, 36.2715, 49.2370

Monochromacy



Original Color

26.8145, 36.3461, 42.6480

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1513, 31.7086, 36.1418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8145, 36.3461, 42.6480 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(88, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(88, 177, 168)  
}
```

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(88, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 177, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.8145, 36.3461, 42.6480 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(88, 177, 168) }
```


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

```
.border{ border-color:rgb(88, 177, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(88, 177,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8145, 36.3461, 42.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 177, 168) }
```

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

```
.background{ background-color: rgb(88, 177,  
168) }
```

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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