

Converting Colors

XYZ(30.6662, 36.5132, 39.6257)

Have a look what the booklet for
XYZ(30.6662, 36.5132, 39.6257)
contains.

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Color

**XYZ(30.5692, 36.3446,
39.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	85AAA2
RGB	133, 170, 162
RGB Percent	52%, 67%, 64%
CMY	0.4784, 0.3333, 0.3647
CMYK	0.22, 0.00, 0.05, 0.33
HSL	167°, 18%, 59%
HSV	167°, 22%, 67%
XYZ	30.5692, 36.3446, 39.5865
YIQ	158.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

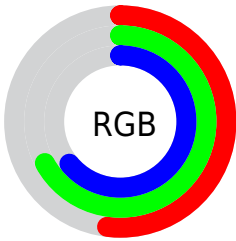
Format	Color
RYB	133, 154, 170
Decimal	8759970
CIELab	66.78, -14.25, -0.02
CIElCh	67, 14.249, 180.065
Yxy	36.3446, 0.2870, 0.3413
Android (android.graphics.Color)	4286950050 (0xFF85AAA2)
YUV	158.0250, 1.9597, -21.9469
Hunter-Lab	60.2865, -14.9901, 3.2684

Details

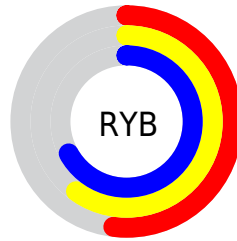
The XYZ color **30.5692, 36.3446, 39.5865** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.7741, 27.2452, 28.8904**, and the grayscale version is **32.5093, 34.2023, 37.2463**.

A 20% lighter version of the original color is **59.9431, 69.4250, 75.8867**, and **12.7726, 15.8765, 17.1431** is the 20% darker color. If you saturate the color by 10%, you get **27.7776, 34.9436, 37.7753**, and if you desaturate by 10%, it is **33.8069, 37.9763, 41.4700**.

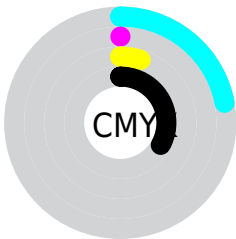
Distribution



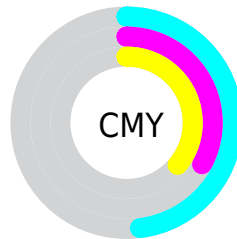
- Red (52%)
- Green (67%)
- Blue (64%)



- Red (52%)
- Yellow (60%)
- Blue (67%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5692, 36.3446, 39.5865 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 30.5692, 36.3446, 39.5865 by changing the saturation by 10% instead.

■ 30.5692, 36.3446,
39.5865

■ 30.5692, 36.3446,
39.5865

296.4111,
330.4642, 359.8778

■ 20.4212, 24.7005,
26.9050

■ 59.9416, 69.5636,
75.7636

■ 12.8117, 15.8540,
17.2701

■ 79.8968, 91.9073,
100.0963

■ 7.3751, 9.4209,
10.2632

■ 103.8518,
118.5862, 129.1497

■ 3.7462, 5.0167,
5.4660

132.1720,
149.9849, 163.3425

■ 1.5596, 2.2571,
2.4597

165.2226,
186.4876, 203.0932

■ 0.3658, 0.7509,
0.8187

203.3691,

■ 0.0000, 0.0000,

228.4788, 248.8202

0.0000

246.9768,
276.3429, 300.9423

■ 30.5692, 36.3446,
39.5865

■ 30.5692, 36.3446,
39.5865

■ 27.7776, 34.9436,
37.7753

■ 33.8069, 37.9763,
41.4700

■ 25.4080, 33.7582,
36.0325

■ 37.5070, 39.8444,
43.4247

■ 23.4387, 32.7780,
34.3576

■ 41.6890, 41.9598,
45.4527

■ 21.8450, 31.9904,
32.7488

■ 46.3703, 44.3313,
47.5551

■ 20.5992, 31.3811,
31.2045

■ 51.5673, 46.9677,
49.7332

■ 19.6698, 30.9338,
29.7227

■ 57.2957, 49.8768,
51.9881

■ 19.0193, 30.6292,
28.3012

■ 63.5706, 53.0665,
54.3208

■ 18.6255, 30.4508,
27.1725

■ 65.0649, 53.7905,
56.4825

■ 65.4759, 53.9549,
58.6466

Harmonies

Analogous

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



31.0809, 36.3446, 33.9485



30.5692, 36.3446, 39.5865



31.0853, 36.3446, 45.8125

Triad

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



30.5692, 36.3446, 39.5865



36.6594, 36.3446, 50.7421



36.6510, 36.3446, 30.1653

Complementary

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



30.5692, 36.3446, 39.5865



29.7741, 27.2452, 28.8904

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.



38.2512, 36.3446, 33.9276



30.5692, 36.3446, 39.5865



38.2562, 36.3446, 45.7869

Square

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



30.5692, 36.3446, 39.5865



34.5491, 36.3446, 52.6474



38.8502, 36.3446, 39.5597



34.5398, 36.3446, 28.8651

Rectangle

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



30.5692, 36.3446, 39.5865



31.9555, 36.3446, 49.3741



38.8502, 36.3446, 39.5597



37.2696, 36.3446, 31.1634

Sweetspot

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



30.5702, 36.3461, 39.5873



64.3435, 70.4184, 76.8683



29.5969, 36.1086, 27.6007



14.2641, 15.6608, 17.0969



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.5702, 36.3461, 39.5873



52.9814, 64.6955, 70.2609



29.4169, 32.8645, 42.8249



7.6770, 8.5039, 9.2855



13.7217, 22.4074, 20.0989



0.3507, 0.5519, 0.5778

Inverse Universe

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



29.7741, 27.2452, 28.8904



51.2843, 45.2775, 47.4452



30.7076, 30.0310, 26.3691



7.5951, 7.5679, 8.1848



12.4552, 6.3908, 1.9425



0.3209, 0.1626, 0.1412

Previews

White Background



This preview shows how the XYZ color 30.5692, 36.3446, 39.5865 looks on a white background.

Color Contrast Check

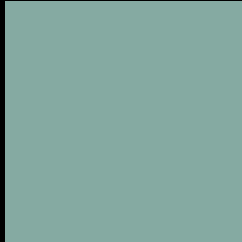
Large Text (above 18pt) WCAG AA × Fail

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 30.5692, 36.3446, 39.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

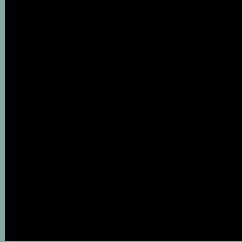
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5692, 36.3446, 39.5865

Background



This preview shows how black text looks on a background with the XYZ color 30.5692, 36.3446, 39.5865.

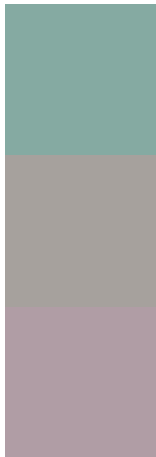


This preview shows how white text looks on a background with the XYZ color 30.5692, 36.3446,

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

30.5692, 36.3446, 39.5865

Protanopia

34.5566, 36.0311, 37.0317

Deuteranopia

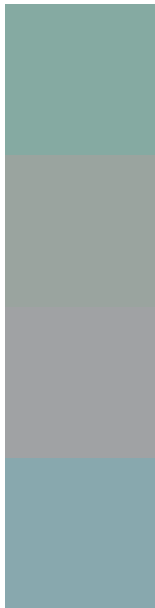
36.7530, 36.0607, 40.6206



Tritanopia

32.4757, 36.2920, 49.0095

Trichromacy



Original Color

30.5692, 36.3446, 39.5865

Protanomaly

32.8599, 35.9241, 38.0030

Deuteranomaly

34.1184, 35.9946, 40.2714

Tritanomaly

31.7960, 36.2955, 45.3743

Monochromacy



Original Color

30.5692, 36.3446, 39.5865

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.5728, 34.7334, 37.8410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5692, 36.3446, 39.5865 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(133, 170, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 170, 162)  
}
```

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(133, 170, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 170, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.5692, 36.3446, 39.5865 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(133, 170, 162) }
```


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

```
.border{ border-color:rgb(133, 170, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 170, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 170,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5692, 36.3446, 39.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 170, 162) }
```

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

```
.background{ background-color: rgb(133,  
170, 162) }
```

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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