

Converting Colors

XYZ(30.4995, 32.3645, 35.5315)

Have a look what the booklet for
XYZ(30.4995, 32.3645, 35.5315)
contains.

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Color

**XYZ(30.5866, 32.4846,
35.6684)**

Conversions

Conversions Part 1

Format	Color
Hex	989B9B
RGB	152, 155, 155
RGB Percent	60%, 61%, 61%
CMY	0.4039, 0.3921, 0.3922
CMYK	0.02, 0.00, 0.00, 0.39
HSL	180°, 1%, 60%
HSV	180°, 2%, 61%
XYZ	30.5866, 32.4846, 35.6684
YIQ	154.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

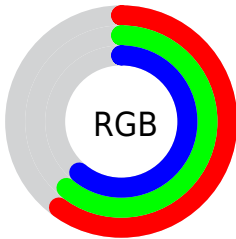
Format	Color
RYB	152, 154, 155
Decimal	10001307
CIELab	63.74, -1.08, -0.39
CIELCh	64, 1.143, 199.702
Yxy	32.4846, 0.3098, 0.3290
Android (android.graphics.Color)	4288191387 (0xFF989B9B)
YUV	154.1030, 0.4422, -1.8443
Hunter-Lab	56.9953, -3.9494, 2.7922

Details

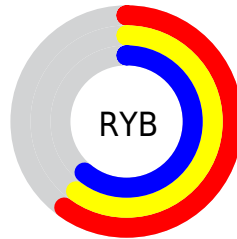
The XYZ color **30.5866, 32.4846, 35.6684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4145, 31.6928, 34.2216**, and the grayscale version is **30.7598, 32.3617, 35.2419**.

A 20% lighter version of the original color is **59.7627, 63.3262, 69.3949**, and **12.8158, 13.6668, 15.0592** is the 20% darker color. If you saturate the color by 10%, you get **27.8722, 31.0863, 35.5363**, and if you desaturate by 10%, it is **33.6820, 34.0811, 35.8197**.

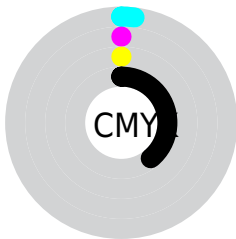
Distribution



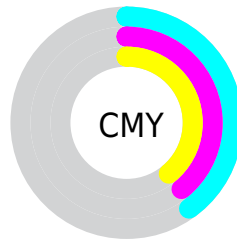
- Red (60%)
- Green (61%)
- Blue (61%)



- Red (60%)
- Yellow (60%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5866, 32.4846, 35.6684 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 30.5866, 32.4846, 35.6684 by changing the saturation by 10% instead.

■ 30.5866, 32.4846,
35.6684

■ 30.5866, 32.4846,
35.6684

296.4902,
313.3209, 342.5023

■ 20.4345, 21.7319,
23.8905

■ 59.9689, 63.5700,
69.6832

■ 12.8214, 13.6600,
15.0410

■ 79.9299, 84.6715,
92.7573

■ 7.3818, 7.8846,
8.7012

103.8912,
109.9915, 120.4338

■ 3.7505, 4.0212,
4.4527

132.2182,
139.9142, 153.1313

■ 1.5620, 1.6854,
1.8768

165.2762,
174.8241, 191.2684

■ 0.3674, 0.4142,
0.4779

203.4307,

■ 0.0000, 0.0000,

215.1056, 235.2635

0.0000

247.0469,
261.1430, 285.5353

■ 30.5866, 32.4846,
35.6684

■ 30.5866, 32.4846,
35.6684

■ 27.8722, 31.0863,
35.5363

■ 33.6820, 34.0811,
35.8197

■ 25.5214, 29.8746,
35.4205

■ 37.1695, 35.8789,
35.9886

■ 23.5197, 28.8428,
35.3211

■ 41.0630, 37.8859,
36.1766

■ 21.8504, 27.9824,
35.2373

■ 45.3751, 40.1088,
36.3841

■ 20.4956, 27.2840,
35.1681

■ 50.1177, 42.5535,
36.6118

■ 19.4354, 26.7376,
35.1128

■ 55.3023, 45.2262,
36.8602

■ 18.6480, 26.3318,
35.0702

■ 58.8861, 47.0736,
37.0337

■ 18.1085, 26.0538,
35.0392

■ 58.8872, 47.0740,
37.0395

■ 17.7872, 25.8883,
35.0184

■ 58.8883, 47.0745,
37.0453

Harmonies

Analogous

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



30.5736, 32.4846, 35.2128



30.5866, 32.4846, 35.6684



30.6769, 32.4846, 36.0472

Triad

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



30.5866, 32.4846, 35.6684



31.1111, 32.4846, 35.9437



30.9307, 32.4846, 34.5095

Complementary

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



30.5866, 32.4846, 35.6684



30.4145, 31.6928, 34.2216

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.



31.0753, 32.4846, 34.7018



30.5866, 32.4846, 35.6684



31.1796, 32.4846, 35.5281

Square

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



30.5866, 32.4846, 35.6684



30.9796, 32.4846, 36.2071



31.1665, 32.4846, 35.0737



30.7719, 32.4846, 34.5463

Rectangle

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



30.5866, 32.4846, 35.6684



30.7689, 32.4846, 36.2039



31.1665, 32.4846, 35.0737



30.9826, 32.4846, 34.5494

Sweetspot

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



30.5875, 32.4860, 35.6691



55.2561, 58.4234, 63.8998



30.3480, 32.3913, 34.3588



12.5142, 13.2276, 14.4638



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.5875, 32.4860, 35.6691



54.7233, 58.1487, 63.8738



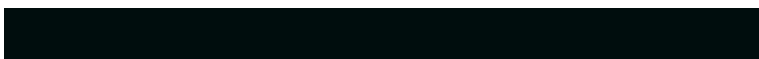
30.3476, 32.0059, 35.5902



6.8402, 7.2615, 7.9698



14.1580, 20.7266, 28.1163



0.2117, 0.3099, 0.4207

Inverse Universe

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



30.4145, 31.6928, 34.2216



54.3973, 56.6546, 61.1470



30.6512, 32.1668, 34.2995



6.8034, 7.0928, 7.6619



10.8580, 5.5975, 0.5115



0.1624, 0.0837, 0.0079

Previews

White Background



This preview shows how the XYZ color 30.5866, 32.4846, 35.6684 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 30.5866, 32.4846, 35.6684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

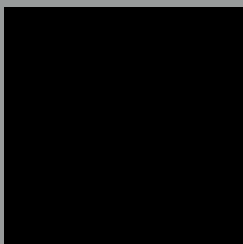
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

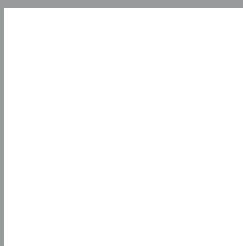
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5866, 32.4846, 35.6684

Background



This preview shows how black text looks on a background with the XYZ color 30.5866, 32.4846, 35.6684.



This preview shows how white text looks on a background with the XYZ color 30.5866, 32.4846,

35.6684.

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

30.5866, 32.4846, 35.6684

Protanopia

31.2930, 32.6124, 35.2174

Deuteranopia

32.8966, 32.2200, 35.9377



Tritanopia

31.6006, 32.4057, 40.6658

Trichromacy



Original Color

30.5866, 32.4846, 35.6684

Protanomaly

30.9059, 32.4129, 35.1992

Deuteranomaly

31.9677, 32.2149, 35.9857

Tritanomaly

31.2141, 32.4921, 38.8089

Monochromacy



Original Color

30.5866, 32.4846, 35.6684

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5252, 32.2166, 35.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5866, 32.4846, 35.6684 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(152, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(152, 155, 155)  
}
```

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(152, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.5866, 32.4846, 35.6684 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(152, 155, 155) }
```


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

```
.border{ border-color:rgb(152, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(152, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5866, 32.4846, 35.6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 155, 155) }
```

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

```
.background{ background-color: rgb(152,  
155, 155) }
```

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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