

Converting Colors

XYZ(30.6403, 35.1094, 30.5096)

Have a look what the booklet for
XYZ(30.6403, 35.1094, 30.5096)
contains.

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Color

**XYZ(30.6573, 35.2229,
30.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	95A58D
RGB	149, 165, 141
RGB Percent	58%, 65%, 55%
CMY	0.4157, 0.3529, 0.4471
CMYK	0.10, 0.00, 0.15, 0.35
HSL	100°, 12%, 60%
HSV	100°, 15%, 65%
XYZ	30.6573, 35.2229, 30.3822
YIQ	157.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

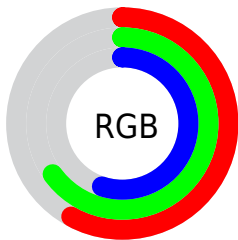
Format	Color
RYB	141, 165, 157
Decimal	9807245
CIELab	65.92, -10.21, 10.55
CIElCh	66, 14.684, 134.057
Yxy	35.2229, 0.3185, 0.3659
Android (android.graphics.Color)	4287997325 (0xFF95A58D)
YUV	157.4800, -8.1246, -7.4370
Hunter-Lab	59.3489, -11.6545, 11.1922

Details

The XYZ color **30.6573, 35.2229, 30.3822** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2224, 28.9354, 39.5913**, and the grayscale version is **32.3010, 33.9832, 37.0077**.

A 20% lighter version of the original color is **60.0721, 67.8230, 61.5548**, and **12.8305, 15.1623, 12.1479** is the 20% darker color. If you saturate the color by 10%, you get **27.6069, 33.7829, 24.3010**, and if you desaturate by 10%, it is **34.0822, 36.8369, 37.4373**.

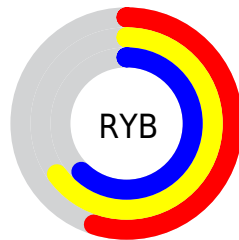
Distribution



Red (58%)

Green (65%)

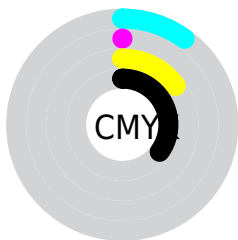
Blue (55%)



Red (55%)

Yellow (65%)

Blue (62%)

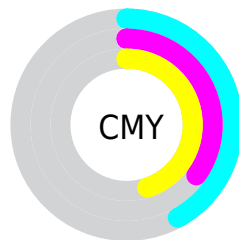


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6573, 35.2229, 30.3822 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 30.6573, 35.2229, 30.3822 by changing the saturation by 10% instead.

■ 30.6573, 35.2229,
30.3822

■ 30.6573, 35.2229,
30.3822

296.8115,
325.5511, 317.9445

■ 20.4886, 23.8346,
19.8744

■ 60.0796, 67.8309,
61.3342

■ 12.8610, 15.2110,
12.1206

■ 80.0640, 89.8195,
82.6155

■ 7.4092, 8.9676,
6.7023

■ 104.0509,
116.1102, 108.3249

■ 3.7679, 4.7201,
3.2010

132.4057,
147.0876, 138.8812

■ 1.5717, 2.0840,
1.1982

165.4938,
183.1360, 174.7027

■ 0.3739, 0.6556,
0.0000

203.6806,

■ 0.0000, 0.0000,

224.6398, 216.2081

0.0000

247.3314,
271.9833, 263.8158

■ 30.6573, 35.2229,
30.3822

■ 30.6573, 35.2229,
30.3822

■ 27.6069, 33.7829,
24.3010

■ 34.0822, 36.8369,
37.4373

■ 24.9149, 32.5063,
19.1487

■ 37.8913, 38.6260,
45.5040

■ 22.5680, 31.3885,
14.8802

■ 42.0975, 40.5969,
54.6209

■ 20.5511, 30.4227,
11.4456

■ 46.7123, 42.7549,
64.8238

■ 18.8480, 29.6017,
8.7902

■ 51.7466, 45.1048,
76.1471

■ 17.4405, 28.9176,
6.8528

■ 57.2110, 47.6513,
88.6232

■ 16.3087, 28.3615,
5.5629

■ 62.8724, 50.3017,
101.0032

■ 15.4291, 27.9232,
4.8349

■ 66.4340, 52.1378,
101.1699

■ 15.0310, 27.7237,
4.5590

■ 70.2209, 54.0900,
101.3471

Harmonies

Analogous

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



32.4741, 35.2229, 27.8797



30.6573, 35.2229, 30.3822



29.6210, 35.2229, 35.1592

Triad

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



30.6573, 35.2229, 30.3822



32.3442, 35.2229, 51.0406



37.6953, 35.2229, 35.5193

Complementary

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



30.6573, 35.2229, 30.3822



30.2224, 28.9354, 39.5913

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.



37.6568, 35.2229, 41.7319



30.6573, 35.2229, 30.3822



34.5030, 35.2229, 51.1640

Square

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



30.6573, 35.2229, 30.3822



30.5657, 35.2229, 47.2848



36.4673, 35.2229, 47.6057



36.5703, 35.2229, 30.6212

Rectangle

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



30.6573, 35.2229, 30.3822



29.4828, 35.2229, 39.2042



36.4673, 35.2229, 47.6057



37.8195, 35.2229, 37.5117

Sweetspot

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



30.6583, 35.2244, 30.3830



61.3429, 66.1135, 67.6865



32.3831, 34.0378, 30.0630



13.3083, 14.4055, 14.5833



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.6583, 35.2244, 30.3830



53.3274, 62.3373, 51.2286



29.5515, 34.6189, 31.9134



7.1976, 8.0044, 7.5457



11.4189, 20.9971, 3.4510



0.2884, 0.4662, 0.0748

Inverse Universe

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



30.2224, 28.9354, 39.5913



52.4154, 49.1864, 70.4837



31.4762, 29.6232, 37.7787



7.1339, 7.0834, 8.8943



10.0577, 4.5914, 27.2859



0.2582, 0.1206, 0.5755

Previews

White Background



This preview shows how the XYZ color 30.6573, 35.2229, 30.3822 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 30.6573, 35.2229, 30.3822 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 30.6573, 35.2229, 30.3822

Background



This preview shows how black text looks on a background with the XYZ color 30.6573, 35.2229, 30.3822.



This preview shows how white text looks on a background with the XYZ color 30.6573, 35.2229,

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

30.6573, 35.2229, 30.3822

Protanopia

33.3067, 35.3014, 29.1032

Deuteranopia

35.5696, 34.9181, 30.8518



Tritanopia

33.4401, 35.0288, 44.5339

Trichromacy



Original Color

30.6573, 35.2229, 30.3822

Protanomaly

32.2785, 35.2818, 29.5349

Deuteranomaly

33.4715, 34.8417, 30.5522

Tritanomaly

32.3022, 35.0893, 38.7886

Monochromacy



Original Color

30.6573, 35.2229, 30.3822

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4831, 34.2460, 34.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6573, 35.2229, 30.3822 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(149, 165, 141)` looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 141)  
}
```

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(149, 165, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.6573, 35.2229, 30.3822 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(149, 165, 141) }
```


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

```
.border{ border-color:rgb(149, 165, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 165, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 165, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 165, 141);  
box-shadow:4px 4px 4px 4px rgb(149, 165,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6573, 35.2229, 30.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 141) }
```

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

```
.background{ background-color: rgb(149,  
165, 141) }
```

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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