

Converting Colors

XYZ(30.5111, 35.1211, 30.5070)

Have a look what the booklet for
XYZ(30.5111, 35.1211, 30.5070)
contains.

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Color

**XYZ(30.4756, 35.1293,
30.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	94A58D
RGB	148, 165, 141
RGB Percent	58%, 65%, 55%
CMY	0.4196, 0.3529, 0.4471
CMYK	0.10, 0.00, 0.15, 0.35
HSL	103°, 12%, 60%
HSV	103°, 15%, 65%
XYZ	30.4756, 35.1293, 30.3737
YIQ	157.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

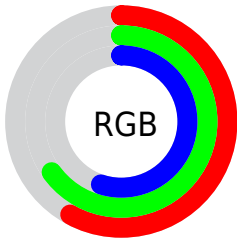
Format	Color
RYB	141, 165, 158
Decimal	9741709
CIELab	65.85, -10.58, 10.44
CIElCh	66, 14.861, 135.373
Yxy	35.1293, 0.3175, 0.3660
Android (android.graphics.Color)	4287931789 (0xFF94A58D)
YUV	157.1810, -7.9772, -8.0517
Hunter-Lab	59.2700, -11.9408, 11.1050

Details

The XYZ color **30.4756, 35.1293, 30.3737** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4184, 29.0365, 39.6006**, and the grayscale version is **32.1657, 33.8408, 36.8526**.

A 20% lighter version of the original color is **59.8006, 67.6831, 61.5421**, and **12.7232, 15.1070, 12.1429** is the 20% darker color. If you saturate the color by 10%, you get **27.3298, 33.6401, 24.2880**, and if you desaturate by 10%, it is **34.0198, 36.8048, 37.4344**.

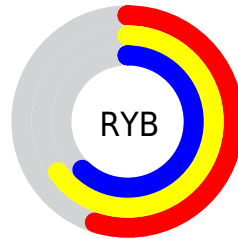
Distribution



Red (58%)

Green (65%)

Blue (55%)



Red (55%)

Yellow (65%)

Blue (62%)

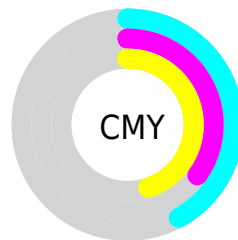


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (42%)


Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4756, 35.1293, 30.3737 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 30.4756, 35.1293, 30.3737 by changing the saturation by 10% instead.


 30.4756, 35.1293,
30.3737


 30.4756, 35.1293,
30.3737


295.9853,
325.1387, 317.9039


 20.3497, 23.7625,
19.8680


 59.7950, 67.6860,
61.3206

 12.7593, 15.1575,
12.1160


 79.7192, 89.6447,
82.5989

 7.3388, 8.9300,
6.6992


 103.6402,
115.9029, 108.3051

 3.7231, 4.6956,
3.1991

131.9235,
146.8448, 138.8578

 1.5467, 2.0698,
1.1972

164.9342,
182.8550, 174.6754

 0.3573, 0.6475,
0.0000

203.0379,

 0.0000, 0.0000,

224.3177, 216.1766

0.0000

246.5998,
271.6175, 263.7799

■ 30.4756, 35.1293,
30.3737

■ 30.4756, 35.1293,
30.3737

■ 27.3298, 33.6401,
24.2880

■ 34.0198, 36.8048,
37.4344

■ 24.5652, 32.3261,
19.1323

■ 37.9731, 38.6683,
45.5078

■ 22.1675, 31.1821,
14.8614

■ 42.3495, 40.7269,
54.6327

■ 20.1202, 30.2006,
11.4254

■ 47.1613, 42.9864,
64.8449

■ 18.4058, 29.3738,
8.7695

■ 52.4203, 45.4521,
76.1787

■ 17.0049, 28.6930,
6.8324

■ 58.1379, 48.1292,
88.6667

■ 15.8956, 28.1486,
5.5436

■ 64.0819, 50.9253,
101.0598

■ 15.0529, 27.7294,
4.8173

■ 67.9561, 52.9225,
101.2411

■ 14.6803, 27.5429,
4.5426

■ 72.0865, 55.0518,
101.4344

Harmonies

Analogous

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



32.2832, 35.1293, 27.7415



30.4756, 35.1293, 30.3737



29.4709, 35.1293, 35.2789

Triad

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



30.4756, 35.1293, 30.3737



32.3352, 35.1293, 51.1737



37.6251, 35.1293, 35.1349

Complementary

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



30.4756, 35.1293, 30.3737



30.4184, 29.0365, 39.6006

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.



37.6405, 35.1293, 41.3830



30.4756, 35.1293, 30.3737



34.5205, 35.1293, 51.1243

Square

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



30.4756, 35.1293, 30.3737



30.5122, 35.1293, 47.5105



36.4831, 35.1293, 47.3819



36.4419, 35.1293, 30.2783

Rectangle

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



30.4756, 35.1293, 30.3737



29.3623, 35.1293, 39.3926



36.4831, 35.1293, 47.3819



37.7687, 35.1293, 37.1294

Sweetspot

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



30.4765, 35.1308, 30.3745



61.2423, 66.0616, 67.6818



32.5190, 34.3095, 30.1083



13.2825, 14.3922, 14.5821



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.



30.4765, 35.1308, 30.3745



52.9505, 62.1430, 51.2109



29.6135, 34.6437, 32.2395



7.1706, 7.9904, 7.5445



11.1496, 20.8583, 3.4384



0.2790, 0.4614, 0.0743

Inverse Universe

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



30.4184, 29.0365, 39.6006



52.8283, 49.3993, 70.5030



31.4059, 29.5951, 37.4083



7.1622, 7.0980, 8.8956



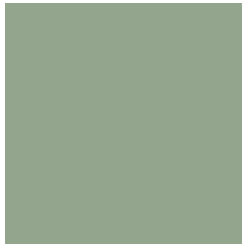
10.7273, 4.9366, 27.3173



0.2687, 0.1261, 0.5760

Previews

White Background



This preview shows how the XYZ color 30.4756, 35.1293, 30.3737 looks on a white background.

Color Contrast Check

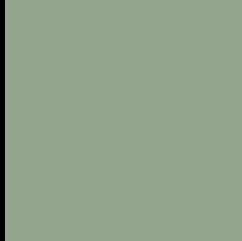
Large Text (above 18pt) WCAG AA × Fail

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 30.4756, 35.1293, 30.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

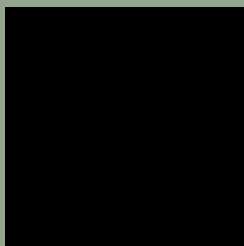
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

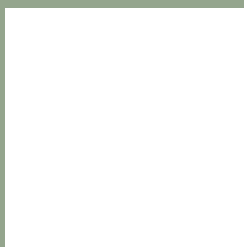
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4756, 35.1293, 30.3737

Background



This preview shows how black text looks on a background with the XYZ color 30.4756, 35.1293, 30.3737.



This preview shows how white text looks on a background with the XYZ color 30.4756, 35.1293,

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

30.4756, 35.1293, 30.3737

Protanopia

33.1340, 34.9561, 29.0456

Deuteranopia

35.5696, 34.9181, 30.8518



Tritanopia

33.2505, 34.9310, 44.5250

Trichromacy



Original Color

30.4756, 35.1293, 30.3737

Protanomaly

32.1030, 34.9309, 29.4764

Deuteranomaly

33.4715, 34.8417, 30.5522

Tritanomaly

32.1159, 34.9932, 38.7799

Monochromacy



Original Color

30.4756, 35.1293, 30.3737

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 30.4756, 35.1293, 30.3737 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(148, 165, 141)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 165, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 165, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.4756, 35.1293, 30.3737 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(148, 165, 141) }
```


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

```
.border{ border-color:rgb(148, 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(148, 165, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 165, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 165, 141);  
box-shadow:4px 4px 4px 4px rgb(148, 165,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4756, 35.1293, 30.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 165, 141) }
```

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

```
.background{ background-color: rgb(148,  
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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