

Converting Colors

XYZ(30.6836, 35.3958, 30.1903)

Have a look what the booklet for
XYZ(30.6836, 35.3958, 30.1903)
contains.

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Color

**XYZ(30.7643, 35.5554,
30.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	95A68C
RGB	149, 166, 140
RGB Percent	58%, 65%, 55%
CMY	0.4157, 0.3490, 0.4510
CMYK	0.10, 0.00, 0.16, 0.35
HSL	99°, 13%, 60%
HSV	99°, 16%, 65%
XYZ	30.7643, 35.5554, 30.0524
YIQ	157.9530, -1.7860, -11.6900

Conversions

Conversions Part 2

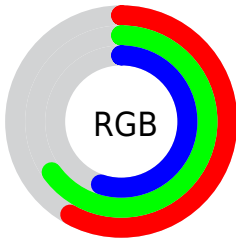
Format	Color
RYB	140, 166, 157
Decimal	9807500
CIELab	66.18, -10.92, 11.47
CIELCh	66, 15.837, 133.592
Yxy	35.5554, 0.3192, 0.3689
Android (android.graphics.Color)	4287997580 (0xFF95A68C)
YUV	157.9530, -8.8508, -7.8518
Hunter-Lab	59.6283, -12.2554, 11.8580

Details

The XYZ color **30.7643, 35.5554, 30.0524** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1670, 28.6784, 40.0237**, and the grayscale version is **32.5183, 34.2118, 37.2567**.

A 20% lighter version of the original color is **60.2227, 68.3045, 61.0489**, and **12.8998, 15.3695, 11.9596** is the 20% darker color. If you saturate the color by 10%, you get **27.7427, 34.1297, 23.9963**, and if you desaturate by 10%, it is **34.1572, 37.1533, 37.0914**.

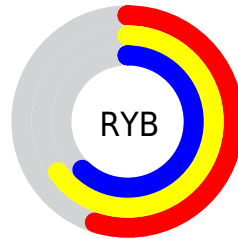
Distribution



Red (58%)

Green (65%)

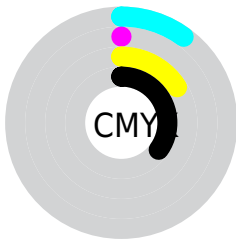
Blue (55%)



Red (55%)

Yellow (65%)

Blue (62%)

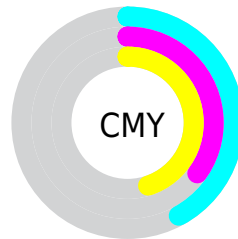


Cyan (10%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7643, 35.5554, 30.0524 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 30.7643, 35.5554, 30.0524 by changing the saturation by 10% instead.

■ 30.7643, 35.5554,
30.0524

■ 30.7643, 35.5554,
30.0524

297.2973,
327.0131, 316.3635

■ 20.5704, 24.0910,
19.6260

■ 60.2472, 68.3453,
60.8070

■ 12.9210, 15.4012,
11.9421

■ 80.2668, 90.4396,
81.9723

■ 7.4508, 9.1014,
6.5822

■ 104.2924,
116.8460, 107.5543

■ 3.7944, 4.8074,
3.1278

132.6894,
147.9488, 137.9715

■ 1.5865, 2.1347,
1.1602

165.8229,
184.1326, 173.6425

■ 0.3836, 0.6840,
0.0000

204.0586,

■ 0.0000, 0.0000,

225.7816, 214.9858

0.0000

247.7616,
273.2803, 262.4200

■ 30.7643, 35.5554,
30.0524

■ 30.7643, 35.5554,
30.0524

■ 27.7427, 34.1297,
23.9963

■ 34.1572, 37.1533,
37.0914

■ 25.0762, 32.8656,
18.8770

■ 37.9309, 38.9242,
45.1518

■ 22.7516, 31.7584,
14.6485

■ 42.0985, 40.8751,
54.2730

■ 20.7538, 30.8014,
11.2596

■ 46.6713, 43.0110,
64.4916

■ 19.0664, 29.9875,
8.6541

■ 51.6601, 45.3368,
75.8424

■ 17.6715, 29.3087,
6.7690

■ 57.0756, 47.8572,
88.3588

■ 16.5487, 28.7561,
5.5315

■ 62.7334, 50.4988,
101.0486

■ 15.6732, 28.3190,
4.8468

■ 66.2256, 52.2991,
101.2120

■ 15.3504, 28.1571,
4.6258

■ 69.9368, 54.2123,
101.3857

Harmonies

Analogous

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



32.7403, 35.5554, 27.4172



30.7643, 35.5554, 30.0524



29.6300, 35.5554, 35.1615

Triad

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



30.7643, 35.5554, 30.0524



32.5301, 35.5554, 52.5494



38.3943, 35.5554, 35.7425

Complementary

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



30.7643, 35.5554, 30.0524



30.1670, 28.6784, 40.0237

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.



38.3316, 35.5554, 42.4977



30.7643, 35.5554, 30.0524



34.8708, 35.5554, 52.7520

Square

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



30.7643, 35.5554, 30.0524



30.6166, 35.5554, 48.3723



37.0171, 35.5554, 48.8974



37.1847, 35.5554, 30.4350

Rectangle

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



30.7643, 35.5554, 30.0524



29.4694, 35.5554, 39.5328



37.0171, 35.5554, 48.8974



38.5230, 35.5554, 37.9061

Sweetspot

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



30.7653, 35.5569, 30.0532



62.3610, 67.6012, 68.0984



32.5009, 34.0820, 29.6770



13.8567, 15.0816, 15.0314



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.7653, 35.5569, 30.0532



53.7328, 63.5386, 50.2824



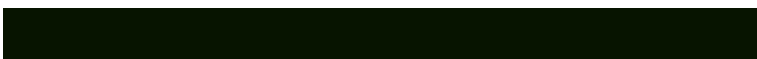
29.4789, 34.8600, 31.5212



7.6725, 8.5293, 8.0312



11.9491, 21.8572, 3.5891



0.3457, 0.5601, 0.0899

Inverse Universe

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



30.1670, 28.6784, 40.0237



52.4241, 48.5040, 72.0744



31.6357, 29.4763, 38.2527



7.5861, 7.5347, 9.4729



10.2363, 4.6604, 28.3355



0.3009, 0.1401, 0.6918

Previews

White Background



This preview shows how the XYZ color 30.7643, 35.5554, 30.0524 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 30.7643, 35.5554, 30.0524 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

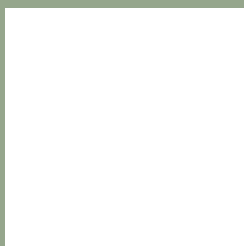
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7643, 35.5554, 30.0524

Background



This preview shows how black text looks on a background with the XYZ color 30.7643, 35.5554, 30.0524.



This preview shows how white text looks on a background with the XYZ color 30.7643, 35.5554,

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

30.7643, 35.5554, 30.0524

Protanopia

33.4483, 35.3828, 28.7336

Deuteranopia

36.1323, 35.4630, 30.5318



Tritanopia

33.7113, 35.4158, 45.1035

Trichromacy



Original Color

30.7643, 35.5554, 30.0524

Protanomaly

32.4081, 35.3570, 29.1613

Deuteranomaly

34.0004, 35.3773, 30.2358

Tritanomaly

32.5677, 35.4784, 39.3139

Monochromacy



Original Color

30.7643, 35.5554, 30.0524

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8484, 34.6927, 34.2959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7643, 35.5554, 30.0524 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, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 140)  
}
```

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, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.7643, 35.5554, 30.0524 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, 166, 140) }
```


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

```
.border{ border-color:rgb(149, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7643, 35.5554, 30.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 140) }
```

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

```
.background{ background-color: rgb(149,  
166, 140) }
```

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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