

Converting Colors

XYZ(29.6371, 34.5213, 35.5848)

Have a look what the booklet for
XYZ(29.6371, 34.5213, 35.5848)
contains.

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Color

**XYZ(29.7691, 34.6466,
35.6903)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA59A
RGB	138, 165, 154
RGB Percent	54%, 65%, 60%
CMY	0.4588, 0.3529, 0.3961
CMYK	0.16, 0.00, 0.07, 0.35
HSL	156°, 13%, 59%
HSV	156°, 16%, 65%
XYZ	29.7691, 34.6466, 35.6903
YIQ	155.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

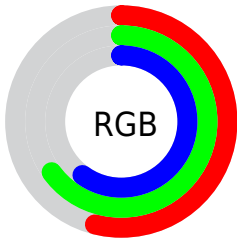
Format	Color
RYB	138, 155, 165
Decimal	9086362
CIELab	65.47, -11.62, 2.57
CIELCh	65, 11.899, 167.520
Yxy	34.6466, 0.2974, 0.3461
Android (android.graphics.Color)	4287276442 (0xFF8AA59A)
YUV	155.6730, -0.8248, -15.4992
Hunter-Lab	58.8614, -12.7311, 5.2528

Details

The XYZ color **29.7691, 34.6466, 35.6903** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0316, 28.3471, 32.3240**, and the grayscale version is **31.4626, 33.1011, 36.0471**.

A 20% lighter version of the original color is **58.7166, 66.9469, 69.5019**, and **12.3778, 14.8642, 15.0487** is the 20% darker color. If you saturate the color by 10%, you get **26.6996, 33.1281, 32.7054**, and if you desaturate by 10%, it is **33.2867, 36.3944, 38.8614**.

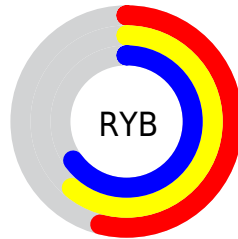
Distribution



Red (54%)

Green (65%)

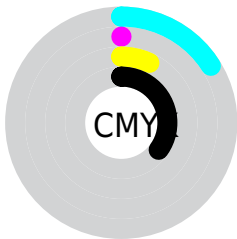
Blue (60%)



Red (54%)

Yellow (61%)

Blue (65%)

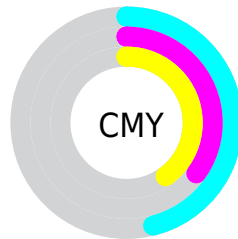


Cyan (16%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7691, 34.6466, 35.6903 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 29.7691, 34.6466, 35.6903 by changing the saturation by 10% instead.

■ 29.7691, 34.6466,
35.6903

■ 29.7691, 34.6466,
35.6903

292.7559,
323.0057, 342.6013

■ 19.8106, 23.3908,
23.9073

■ 58.6860, 66.9379,
69.7174

■ 12.3649, 14.8823,
15.0533

■ 78.3750, 88.7422,
92.7987

■ 7.0667, 8.7368,
8.7098

■ 102.0384,
114.8315, 120.4830

■ 3.5505, 4.5699,
4.4581

130.0413,
145.5901, 153.1891

■ 1.4511, 1.9972,
1.8799

162.7491,
181.4024, 191.3354

■ 0.2922, 0.6058,
0.4799

200.5272,

■ 0.0000, 0.0000,

222.6528, 235.3406

0.0000

243.7411,
269.7258, 285.6230

■ 29.7691, 34.6466,
35.6903

■ 29.7691, 34.6466,
35.6903

■ 26.6996, 33.1281,
32.7054

■ 33.2867, 36.3944,
38.8614

■ 24.0562, 31.8247,
29.9008

■ 37.2673, 38.3763,
42.2198

■ 21.8191, 30.7273,
27.2736

■ 41.7291, 40.6025,
45.7695

■ 19.9661, 29.8244,
24.8200

■ 46.6880, 43.0811,
49.5139

■ 18.4724, 29.1034,
22.5360

■ 52.1594, 45.8202,
53.4561

■ 17.3105, 28.5501,
20.4172

■ 58.1579, 48.8270,
57.5991

■ 16.4483, 28.1481,
18.4592

■ 64.6976, 52.1089,
61.9459

■ 15.8415, 27.8745,
16.6567

■ 66.0548, 52.7151,
66.2309

■ 15.6496, 27.7890,
16.0377

■ 66.8987, 53.0527,
70.6749

Harmonies

Analogous

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



30.5229, 34.6466, 31.6133



29.7691, 34.6466, 35.6903



29.8404, 34.6466, 40.6846

Triad

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



29.7691, 34.6466, 35.6903



33.9486, 34.6466, 47.6249



35.2433, 34.6466, 31.0862

Complementary

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



29.7691, 34.6466, 35.6903



30.0316, 28.3471, 32.3240

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.



36.2270, 34.6466, 34.9111



29.7691, 34.6466, 35.6903



35.4616, 34.6466, 44.5760

Square

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



29.7691, 34.6466, 35.6903



32.2125, 34.6466, 47.8802



36.3083, 34.6466, 39.8341



33.6592, 34.6466, 29.1167

Rectangle

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



29.7691, 34.6466, 35.6903



30.3463, 34.6466, 43.8696



36.3083, 34.6466, 39.8341



35.6576, 34.6466, 32.1814

Sweetspot

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



29.7701, 34.6481, 35.6911



60.4719, 65.6048, 70.3415



30.4838, 35.1599, 29.2252



13.1218, 14.2935, 15.2927



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.



29.7701, 34.6481, 35.6911



51.0191, 60.9124, 61.7381



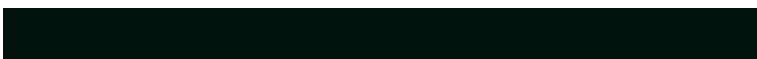
30.3268, 34.2270, 40.6070



7.1534, 7.9622, 8.4194



11.8637, 21.0318, 12.2649



0.2719, 0.4510, 0.3766

Inverse Universe

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



30.0316, 28.3471, 32.3240



51.5863, 47.2544, 54.4414



29.5202, 28.6645, 28.0222



7.1878, 7.1316, 7.9754



12.5341, 6.3697, 4.7371



0.2865, 0.1431, 0.2214

Previews

White Background



This preview shows how the XYZ color 29.7691, 34.6466, 35.6903 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 29.7691, 34.6466, 35.6903 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 29.7691, 34.6466, 35.6903

Background



This preview shows how black text looks on a background with the XYZ color 29.7691, 34.6466, 35.6903.



This preview shows how white text looks on a background with the XYZ color 29.7691, 34.6466,

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

29.7691, 34.6466, 35.6903

Protanopia

32.8361, 34.4423, 33.7715

Deuteranopia

35.0712, 34.2967, 36.2240



Tritanopia

31.8135, 34.6866, 45.5759

Trichromacy



Original Color

29.7691, 34.6466, 35.6903

Protanomaly

31.6572, 34.5941, 34.2870

Deuteranomaly

32.8737, 34.1619, 35.8716

Tritanomaly

31.0567, 34.6471, 41.6099

Monochromacy



Original Color

29.7691, 34.6466, 35.6903

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.7090, 33.5524, 35.8681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7691, 34.6466, 35.6903 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(138, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 154)  
}
```

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(138, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.7691, 34.6466, 35.6903 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(138, 165, 154) }
```


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

```
.border{ border-color:rgb(138, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 165, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 165, 154); box-shadow:4px 4px 4px 4px rgb(138, 165, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7691, 34.6466, 35.6903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 154) }
```

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

```
.background{ background-color: rgb(138,  
165, 154) }
```

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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