

Converting Colors

XYZ(30.1713, 33.9578, 35.1013)

Have a look what the booklet for
XYZ(30.1713, 33.9578, 35.1013)
contains.

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Color

**XYZ(30.1717, 34.0699,
35.1229)**

Conversions

Conversions Part 1

Format	Color
Hex	90A299
RGB	144, 162, 153
RGB Percent	56%, 64%, 60%
CMY	0.4353, 0.3647, 0.4000
CMYK	0.11, 0.00, 0.06, 0.36
HSL	150°, 9%, 60%
HSV	150°, 11%, 64%
XYZ	30.1717, 34.0699, 35.1229
YIQ	155.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

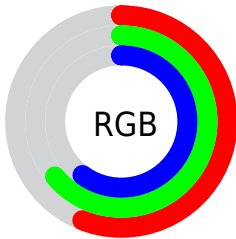
Format	Color
RYB	144, 156, 162
Decimal	9478809
CIELab	65.02, -8.13, 2.52
CIElCh	65, 8.517, 162.774
Yxy	34.0699, 0.3036, 0.3429
Android (android.graphics.Color)	4287668889 (0xFF90A299)
YUV	155.5920, -1.2779, -10.1662
Hunter-Lab	58.3694, -9.8782, 5.1818

Details

The XYZ color **30.1717, 34.0699, 35.1229** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6246, 29.9287, 34.3013**, and the grayscale version is **31.4270, 33.0637, 36.0064**.

A 20% lighter version of the original color is **59.3640, 66.1365, 68.6683**, and **12.5903, 14.4909, 14.7038** is the 20% darker color. If you saturate the color by 10%, you get **26.8962, 32.4570, 31.5948**, and if you desaturate by 10%, it is **33.9006, 35.9132, 38.9108**.

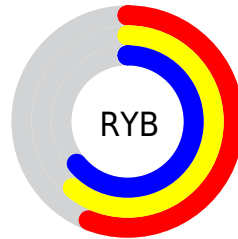
Distribution



Red (56%)

Green (64%)

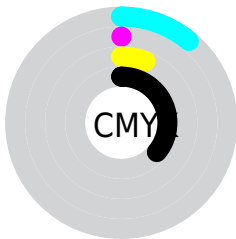
Blue (60%)



Red (56%)

Yellow (61%)

Blue (64%)

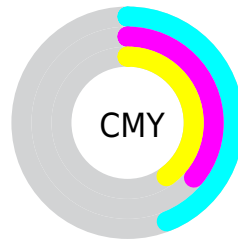


Cyan (11%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1717, 34.0699, 35.1229 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 30.1717, 34.0699, 35.1229 by changing the saturation by 10% instead.

■ 30.1717, 34.0699,
35.1229

■ 30.1717, 34.0699,
35.1229

294.5994,
320.4436, 340.0312

■ 20.1177, 22.9473,
23.4733

■ 59.3184, 66.0424,
68.8298

■ 12.5894, 14.5546,
14.7348

■ 79.1417, 87.6610,
91.7242

■ 7.2214, 8.5074,
8.4889

102.9522,
113.5471, 119.2039

■ 3.6485, 4.4213,
4.3171

131.1152,
144.0851, 151.6875

■ 1.5053, 1.9119,
1.8009

163.9961,
179.6594, 189.5935

■ 0.3294, 0.5555,
0.4285

201.9602,

■ 0.0000, 0.0000,

220.6543, 233.3404

0.0000

245.3729,
267.4542, 283.3468

■ 30.1717, 34.0699,
35.1229

■ 30.1717, 34.0699,
35.1229

■ 26.8962, 32.4570,
31.5948

■ 33.9006, 35.9132,
38.9108

■ 24.0533, 31.0610,
28.3188

■ 38.0971, 37.9913,
42.9616

■ 21.6243, 29.8733,
25.2899

■ 42.7783, 40.3138,
47.2813

■ 19.5885, 28.8834,
22.5021

■ 47.9596, 42.8885,
51.8748

■ 17.9231, 28.0796,
19.9492

■ 53.6557, 45.7230,
56.7471

■ 16.6027, 27.4491,
17.6248

■ 59.8805, 48.8244,
61.9028

■ 15.5988, 26.9770,
15.5218

■ 65.7578, 51.7407,
67.3050

■ 14.8777, 26.6463,
13.6330

■ 66.7913, 52.1541,
72.7472

■ 14.4058, 26.4359,
12.1261

■ 67.8766, 52.5882,
78.4622

Harmonies

Analogous

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



30.7999, 34.0699, 32.3351



30.1717, 34.0699, 35.1229



30.1263, 34.0699, 38.6169

Triad

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



30.1717, 34.0699, 35.1229



32.9091, 34.0699, 44.1152



34.1529, 34.0699, 32.6764

Complementary

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



30.1717, 34.0699, 35.1229



30.6246, 29.9287, 34.3013

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.



34.7485, 34.0699, 35.6162



30.1717, 34.0699, 35.1229



34.0182, 34.0699, 42.3034

Square

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



30.1717, 34.0699, 35.1229



31.6858, 34.0699, 43.9622



34.6986, 34.0699, 39.1423



33.0892, 34.0699, 30.9853

Rectangle

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



30.1717, 34.0699, 35.1229



30.4308, 34.0699, 40.8921



34.6986, 34.0699, 39.1423



34.4157, 34.0699, 33.5431

Sweetspot

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



30.1727, 34.0713, 35.1237



60.1596, 64.5116, 69.2625



31.1492, 34.6574, 31.4338



13.3882, 14.4280, 15.4325



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.



30.1727, 34.0713, 35.1237



53.4362, 61.1914, 62.3548



30.9181, 34.3695, 39.0489



7.1263, 7.9513, 8.2769



11.3705, 20.8345, 9.6674



0.2628, 0.4473, 0.3287

Inverse Universe

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



30.6246, 29.9287, 34.3013



54.4001, 52.3547, 60.6007



29.9316, 29.6515, 30.6521



7.2146, 7.1423, 8.1163



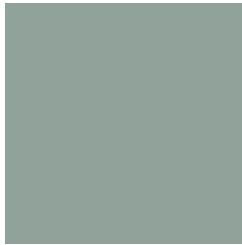
12.9310, 6.5285, 6.8274



0.2956, 0.1467, 0.2691

Previews

White Background



This preview shows how the XYZ color 30.1717, 34.0699, 35.1229 looks on a white background.

Color Contrast Check

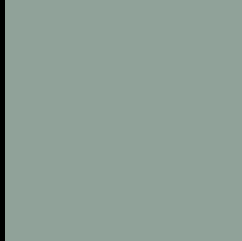
Large Text (above 18pt) WCAG AA × Fail

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 30.1717, 34.0699, 35.1229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

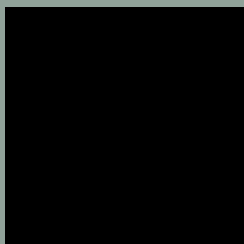
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

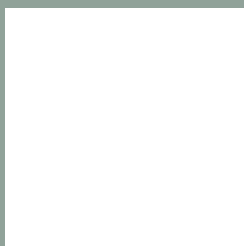
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1717, 34.0699, 35.1229

Background



This preview shows how black text looks on a background with the XYZ color 30.1717, 34.0699, 35.1229.



This preview shows how white text looks on a background with the XYZ color 30.1717, 34.0699,

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

30.1717, 34.0699, 35.1229

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

34.6002, 33.8217, 35.7150



Tritanopia

31.8772, 33.9779, 43.9080

Trichromacy



Original Color

30.1717, 34.0699, 35.1229

Protanomaly

31.5016, 33.9992, 34.1803

Deuteranomaly

32.8255, 33.8966, 35.3845

Tritanomaly

31.2164, 33.9692, 40.5087

Monochromacy



Original Color

30.1717, 34.0699, 35.1229

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0921, 33.4957, 35.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1717, 34.0699, 35.1229 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(144, 162, 153) looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 153)  
}
```

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(144, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.1717, 34.0699, 35.1229 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(144, 162, 153) }
```


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

```
.border{ border-color:rgb(144, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1717, 34.0699, 35.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 153) }
```

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

```
.background{ background-color: rgb(144,  
162, 153) }
```

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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