

Converting Colors

XYZ(34.3464, 34.4989, 46.4538)

Have a look what the booklet for
XYZ(34.3464, 34.4989, 46.4538)
contains.

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Color

**XYZ(34.3215, 34.4248,
46.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	A09CB1
RGB	160, 156, 177
RGB Percent	63%, 61%, 69%
CMY	0.3725, 0.3882, 0.3059
CMYK	0.10, 0.12, 0.00, 0.31
HSL	251°, 12%, 65%
HSV	251°, 12%, 69%
XYZ	34.3215, 34.4248, 46.4307
YIQ	159.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

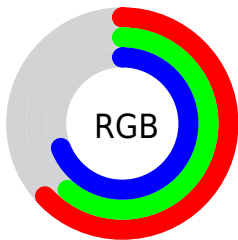
Format	Color
R _Y B	160, 156, 177
Decimal	10525873
CIE Lab	65.30, 5.63, -10.37
CIE LCh	65, 11.797, 298.491
Yxy	34.4248, 0.2980, 0.2989
Android (android.graphics.Color)	4288715953 (0xFFA09CB1)
YUV	159.5900, 8.5831, 0.3596
Hunter-Lab	58.6727, 1.7393, -5.8484

Details

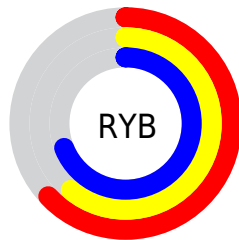
The XYZ color **34.3215, 34.4248, 46.4307** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9576, 42.7297, 37.6484**, and the grayscale version is **33.1891, 34.9175, 38.0251**.

A 20% lighter version of the original color is **65.7789, 66.4235, 86.4449**, and **14.8740, 14.7465, 21.1312** is the 20% darker color. If you saturate the color by 10%, you get **28.8638, 27.5195, 45.3860**, and if you desaturate by 10%, it is **40.5443, 42.3689, 47.6366**.

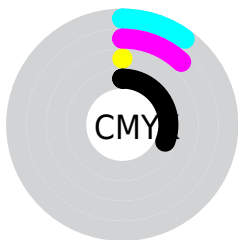
Distribution



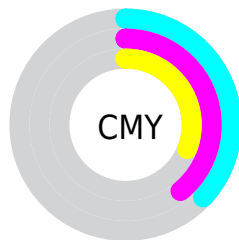
- Red (63%)
- Green (61%)
- Blue (69%)



- Red (63%)
- Yellow (61%)
- Blue (69%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (37%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3215, 34.4248, 46.4307 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 34.3215, 34.4248, 46.4307 by changing the saturation by 10% instead.

■ 34.3215, 34.4248,
46.4307

■ 34.3215, 34.4248,
46.4307

313.1240,
322.0221, 388.8653

■ 23.3048, 23.2201,
32.2347

■ 65.7743, 66.5937,
86.2043

■ 14.9406, 14.7561,
21.2745

■ 86.9410, 88.3268,
112.6189

■ 8.8638, 8.6484,
13.1316

112.2218,
114.3381, 143.9436

■ 4.7088, 4.5126,
7.3875

141.9820,
145.0120, 180.5967

■ 2.1104, 1.9642,
3.6235

176.5870,
180.7330, 222.9969

■ 0.6949, 0.5866,
1.4211

216.4021,

■ 0.0000, 0.0000,

221.8854, 271.5627

0.1581

261.7926,
268.8536, 326.7127

■ 0.0000, 0.0000,
0.0000

■ 34.3215, 34.4248,
46.4307

■ 34.3215, 34.4248,
46.4307

■ 28.8638, 27.5195,
45.3860

■ 40.5443, 42.3689,
47.6366

■ 24.1383, 21.6056,
44.4936

■ 47.5572, 51.3879,
49.0078

■ 20.1143, 16.6384,
43.7469

■ 55.3880, 61.5215,
50.5511

■ 16.7576, 12.5682,
43.1382

■ 64.0621, 72.8063,
52.2721

■ 14.0311, 9.3407,
42.6589

■ 73.6039, 85.2769,
54.1763

■ 11.8939, 6.8955,
42.2996

■ 81.6951, 94.2836,
55.4883

■ 10.3002, 5.1641,
42.0494

■ 84.9359, 95.9544,
55.6400

■ 9.1967, 4.0656,
41.8955

■ 8.5859, 3.5094,
41.8204

Harmonies

Analogous

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



32.6328, 34.4248, 47.7614



34.3215, 34.4248, 46.4307



35.6186, 34.4248, 42.6495

Triad

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



34.3215, 34.4248, 46.4307



34.4773, 34.4248, 29.9794



29.5264, 34.4248, 37.2342

Complementary

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



34.3215, 34.4248, 46.4307



38.9576, 42.7297, 37.6484

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.



29.9826, 34.4248, 32.7511



34.3215, 34.4248, 46.4307



32.8068, 34.4248, 28.7959

Square

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



34.3215, 34.4248, 46.4307



35.7108, 34.4248, 33.1471



31.1686, 34.4248, 29.7653



29.9006, 34.4248, 42.1809

Rectangle

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



34.3215, 34.4248, 46.4307



36.0657, 34.4248, 39.4028



31.1686, 34.4248, 29.7653



29.5874, 34.4248, 35.6261

Sweetspot

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



34.3225, 34.4262, 46.4315



70.0351, 72.5800, 84.8134



36.6195, 40.1879, 47.4225



14.9936, 15.4937, 18.3447



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.3225, 34.4262, 46.4315



59.0249, 58.5510, 82.6858



36.4787, 35.5378, 46.5324



8.1880, 8.3054, 10.6779



6.2602, 2.5631, 30.3018



0.2417, 0.1037, 0.9555

Inverse Universe

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



37.5639, 36.1426, 44.5330



65.8941, 62.1895, 78.6132



36.7566, 41.5950, 37.5454



8.7793, 8.6184, 10.3360



16.7665, 8.2242, 19.7284



0.5454, 0.2659, 0.7149

Previews

White Background



This preview shows how the XYZ color 34.3215, 34.4248, 46.4307 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 34.3215, 34.4248, 46.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

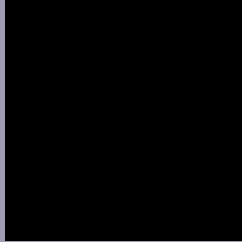
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3215, 34.4248, 46.4307

Background



This preview shows how black text looks on a background with the XYZ color 34.3215, 34.4248, 46.4307.



This preview shows how white text looks on a background with the XYZ color 34.3215, 34.4248,

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

34.3215, 34.4248, 46.4307

Protanopia

33.8032, 34.3962, 46.9770

Deuteranopia

35.0085, 34.2849, 46.3675



Tritanopia

33.6107, 34.3871, 42.8961

Trichromacy



Original Color

34.3215, 34.4248, 46.4307

Protanomaly

33.9975, 34.4964, 46.9861

Deuteranomaly

34.7614, 34.4035, 46.4034

Tritanomaly

33.8979, 34.5020, 44.4081

Monochromacy



Original Color

34.3215, 34.4248, 46.4307

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7783, 35.0230, 41.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3215, 34.4248, 46.4307 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(160, 156, 177)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 177)  
}
```

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(160, 156, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 177) }
```

Border

The CSS property to change the border of an element to XYZ 34.3215, 34.4248, 46.4307 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(160, 156, 177) }
```


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

```
.border{ border-color:rgb(160, 156, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 177);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3215, 34.4248, 46.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 177) }
```

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

```
.background{ background-color: rgb(160,  
156, 177) }
```

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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