

Converting Colors

XYZ(30.3604, 34.6339, 36.1702)

Have a look what the booklet for
XYZ(30.3604, 34.6339, 36.1702)
contains.

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Color

**XYZ(30.3472, 34.6683,
36.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA49B
RGB	142, 164, 155
RGB Percent	56%, 64%, 61%
CMY	0.4431, 0.3568, 0.3922
CMYK	0.13, 0.00, 0.05, 0.36
HSL	155°, 11%, 60%
HSV	155°, 13%, 64%
XYZ	30.3472, 34.6683, 36.1025
YIQ	156.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

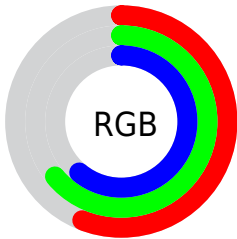
Format	Color
RYB	142, 156, 164
Decimal	9348251
CIELab	65.49, -9.51, 2.07
CIElCh	65, 9.731, 167.707
Yxy	34.6683, 0.3001, 0.3428
Android (android.graphics.Color)	4287538331 (0xFF8EA49B)
YUV	156.3960, -0.6882, -12.6253
Hunter-Lab	58.8798, -11.0391, 4.8618

Details

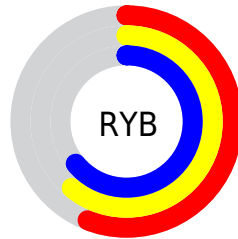
The XYZ color **30.3472, 34.6683, 36.1025** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5700, 29.4738, 33.3576**, and the grayscale version is **31.7839, 33.4392, 36.4153**.

A 20% lighter version of the original color is **59.6051, 67.0022, 70.1128**, and **12.7065, 14.8631, 15.2959** is the 20% darker color. If you saturate the color by 10%, you get **27.1899, 33.1049, 33.0946**, and if you desaturate by 10%, it is **33.9518, 36.4606, 39.2963**.

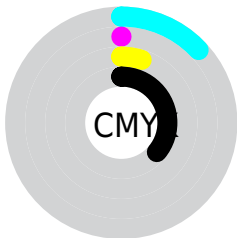
Distribution



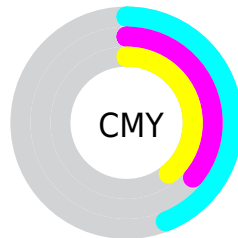
- Red (56%)
- Green (64%)
- Blue (61%)



- Red (56%)
- Yellow (61%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3472, 34.6683, 36.1025 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 30.3472, 34.6683, 36.1025 by changing the saturation by 10% instead.

■ 30.3472, 34.6683,
36.1025

■ 30.3472, 34.6683,
36.1025

295.4004,
323.1018, 344.4593

■ 20.2517, 23.4075,
24.2230

■ 59.5937, 66.9716,
70.3611

■ 12.6874, 14.8947,
15.2854

■ 79.4753, 88.7828,
93.5773

■ 7.2892, 8.7455,
8.8711

103.3497,
114.8797, 121.4095

■ 3.6915, 4.5756,
4.5615

131.5822,
145.6466, 154.2762

■ 1.5291, 2.0004,
1.9382

164.5382,
181.4678, 192.5960

■ 0.3455, 0.6077,
0.5169

202.5830,

■ 0.0000, 0.0000,

222.7278, 236.7874

0.0000

246.0819,
269.8110, 287.2690

■ 30.3472, 34.6683,
36.1025

■ 30.3472, 34.6683,
36.1025

■ 27.1899, 33.1049,
33.0946

■ 33.9518, 36.4606,
39.2963

■ 24.4585, 31.7566,
30.2668

■ 38.0182, 38.4862,
42.6771

■ 22.1341, 30.6146,
27.6163

■ 42.5638, 40.7552,
46.2489

■ 20.1953, 29.6679,
25.1392

■ 47.6043, 43.2756,
50.0149

■ 18.6184, 28.9044,
22.8317

■ 53.1545, 46.0548,
53.9782

■ 17.3772, 28.3107,
20.6895

■ 59.2287, 49.1003,
58.1419

■ 16.4417, 27.8713,
18.7083

■ 65.1737, 52.0753,
62.4776

■ 15.7761, 27.5679,
16.8833

■ 65.9857, 52.4001,
66.7535

■ 15.4291, 27.4135,
15.7628

■ 66.8327, 52.7389,
71.2136

Harmonies

Analogous

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



30.9667, 34.6683, 32.7123



30.3472, 34.6683, 36.1025



30.4106, 34.6683, 40.1839

Triad

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



30.3472, 34.6683, 36.1025



33.7911, 34.6683, 45.7231



34.8286, 34.6683, 32.2385

Complementary

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



30.3472, 34.6683, 36.1025



30.5700, 29.4738, 33.3576

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.



35.6294, 34.6683, 35.4124



30.3472, 34.6683, 36.1025



35.0187, 34.6683, 43.2754

Square

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



30.3472, 34.6683, 36.1025



32.3715, 34.6683, 45.9413



35.7000, 34.6683, 39.4425



33.5377, 34.6683, 30.5916

Rectangle

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



30.3472, 34.6683, 36.1025



30.8317, 34.6683, 42.7509



35.7000, 34.6683, 39.4425



35.1656, 34.6683, 33.1513

Sweetspot

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



30.3482, 34.6698, 36.1033



61.1683, 65.9515, 70.9333



30.9526, 35.1008, 30.7354



13.2639, 14.3642, 15.4136



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.



30.3482, 34.6698, 36.1033



53.3489, 62.0675, 63.9206



30.8071, 34.3320, 40.1268



7.1529, 7.9620, 8.4167



11.8538, 21.0279, 12.2124



0.2717, 0.4509, 0.3757

Inverse Universe

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



30.5700, 29.4738, 33.3576



53.8288, 50.8325, 57.9846



30.1415, 29.7425, 29.7439



7.1883, 7.1318, 7.9780



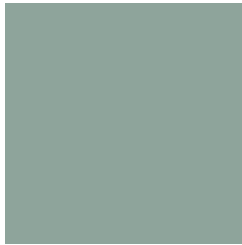
12.5405, 6.3723, 4.7711



0.2867, 0.1432, 0.2223

Previews

White Background



This preview shows how the XYZ color 30.3472, 34.6683, 36.1025 looks on a white background.

Color Contrast Check

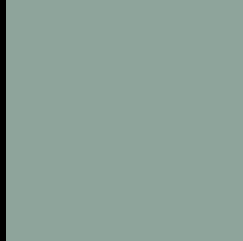
Large Text (above 18pt) WCAG AA × Fail

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 30.3472, 34.6683, 36.1025 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

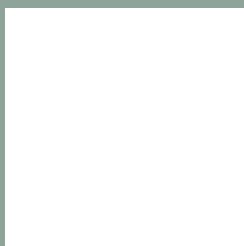
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3472, 34.6683, 36.1025

Background



This preview shows how black text looks on a background with the XYZ color 30.3472, 34.6683, 36.1025.



This preview shows how white text looks on a background with the XYZ color 30.3472, 34.6683,

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

30.3472, 34.6683, 36.1025

Protanopia

32.9986, 34.5072, 34.6271

Deuteranopia

35.3206, 34.6595, 36.7266



Tritanopia

32.0619, 34.5655, 45.0264

Trichromacy



Original Color

30.3472, 34.6683, 36.1025

Protanomaly

31.8381, 34.4101, 35.1008

Deuteranomaly

33.3319, 34.6405, 36.3820

Tritanomaly

31.3970, 34.5600, 41.5752

Monochromacy



Original Color

30.3472, 34.6683, 36.1025

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1614, 33.7759, 36.3295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3472, 34.6683, 36.1025 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(142, 164, 155) looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 155)  
}
```

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(142, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.3472, 34.6683, 36.1025 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(142, 164, 155) }
```


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

```
.border{ border-color:rgb(142, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3472, 34.6683, 36.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 155) }
```

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

```
.background{ background-color: rgb(142,  
164, 155) }
```

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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