

Converting Colors

XYZ(29.6373, 34.4733, 32.3677)

Have a look what the booklet for
XYZ(29.6373, 34.4733, 32.3677)
contains.

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Color

**XYZ(29.6191, 34.3770,
32.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA492
RGB	142, 164, 146
RGB Percent	56%, 64%, 57%
CMY	0.4431, 0.3568, 0.4274
CMYK	0.13, 0.00, 0.11, 0.36
HSL	131°, 11%, 60%
HSV	131°, 13%, 64%
XYZ	29.6191, 34.3770, 32.2685
YIQ	155.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

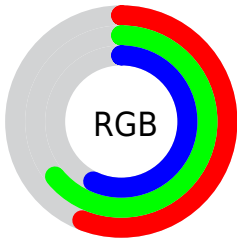
Format	Color
RYB	142, 161, 164
Decimal	9348242
CIELab	65.26, -11.28, 6.76
CIELCh	65, 13.148, 149.051
Yxy	34.3770, 0.3077, 0.3571
Android (android.graphics.Color)	4287538322 (0xFF8EA492)
YUV	155.3700, -4.6194, -11.7255
Hunter-Lab	58.6319, -12.4329, 8.4116

Details

The XYZ color **29.6191, 34.3770, 32.2685** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3292, 29.7774, 37.3556**, and the grayscale version is **31.3426, 32.9749, 35.9096**.

A 20% lighter version of the original color is **58.5218, 66.5689, 64.4082**, and **12.3191, 14.7082, 13.2560** is the 20% darker color. If you saturate the color by 10%, you get **26.0264, 32.6395, 26.9678**, and if you desaturate by 10%, it is **33.7503, 36.3799, 38.2355**.

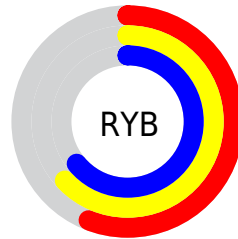
Distribution



Red (56%)

Green (64%)

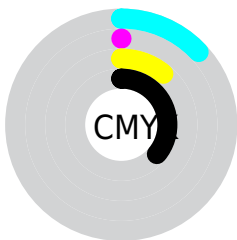
Blue (57%)



Red (56%)

Yellow (63%)

Blue (64%)

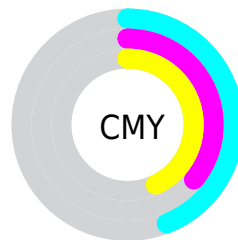


Cyan (13%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6191, 34.3770, 32.2685 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 29.6191, 34.3770, 32.2685 by changing the saturation by 10% instead.

■ 29.6191, 34.3770,
32.2685

■ 29.6191, 34.3770,
32.2685

292.0667,
321.8098, 326.8709

■ 19.6963, 23.1834,
21.3002

■ 58.4501, 66.5195,
64.3346

■ 12.2814, 14.7290,
13.1502

■ 78.0889, 88.2372,
86.2694

■ 7.0092, 8.6294,
7.4001

■ 101.6972,
114.2316, 112.6967

■ 3.5142, 4.5002,
3.6313

129.6402,
144.8873, 144.0352

■ 1.4312, 1.9571,
1.4254

162.2833,
180.5886, 180.7033

■ 0.2783, 0.5824,
0.1614

199.9918,

■ 0.0000, 0.0000,

221.7198, 223.1196

0.0000

243.1312,
268.6654, 271.7026

■ 29.6191, 34.3770,
32.2685

■ 29.6191, 34.3770,
32.2685

■ 26.0264, 32.6395,
26.9678

■ 33.7503, 36.3799,
38.2355

■ 22.9471, 31.1520,
22.3080

■ 38.4381, 38.6541,
44.8884

■ 20.3584, 29.9043,
18.2655

■ 43.7032, 41.2109,
52.2490

■ 18.2345, 28.8836,
14.8143

■ 49.5644, 44.0596,
60.3372

■ 16.5475, 28.0760,
11.9267

■ 56.0397, 47.2089,
69.1723

■ 15.2660, 27.4662,
9.5726

■ 63.1464, 50.6673,
78.7729

■ 14.3548, 27.0365,
7.7192

■ 70.2342, 54.0994,
89.1255

■ 13.7719, 26.7662,
6.3299

■ 72.3016, 54.9264,
100.0126

■ 13.5081, 26.6450,
5.6471

■ 72.5661, 55.0322,
101.4054

Harmonies

Analogous

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



30.9199, 34.3770, 28.9535



29.6191, 34.3770, 32.2685



29.1316, 34.3770, 37.2564

Triad

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



29.6191, 34.3770, 32.2685



32.6134, 34.3770, 48.9870



35.9977, 34.3770, 32.5432

Complementary

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



29.6191, 34.3770, 32.2685



31.3292, 29.7774, 37.3556

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.



36.4932, 34.3770, 37.6056



29.6191, 34.3770, 32.2685



34.4938, 34.3770, 47.4195

Square

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



29.6191, 34.3770, 32.2685



30.8182, 34.3770, 47.2153



35.9327, 34.3770, 43.1160



34.6034, 34.3770, 29.1009

Rectangle

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



29.6191, 34.3770, 32.2685



29.3182, 34.3770, 40.9768



35.9327, 34.3770, 43.1160



36.2773, 34.3770, 34.0953

Sweetspot

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



29.6200, 34.3785, 32.2693



60.7345, 65.7779, 68.6485



32.7233, 36.0136, 30.8182



13.1528, 14.3198, 14.8288



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.



29.6200, 34.3785, 32.2693



51.7827, 61.4410, 55.6731



30.4892, 34.7261, 36.8464



7.0357, 7.9151, 7.7998



10.3702, 20.4344, 4.4001



0.2317, 0.4349, 0.1649

Inverse Universe

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



31.3292, 29.7774, 37.3556



55.4781, 51.4922, 66.6695



30.4354, 29.4199, 32.6488



7.3088, 7.1800, 8.6127



15.0640, 7.3817, 18.0597



0.3301, 0.1605, 0.4509

Previews

White Background



This preview shows how the XYZ color 29.6191, 34.3770, 32.2685 looks on a white background.

Color Contrast Check

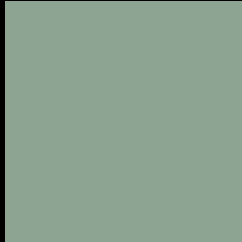
Large Text (above 18pt) WCAG AA × Fail

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 29.6191, 34.3770, 32.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

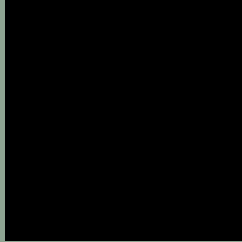
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.6191, 34.3770, 32.2685

Background



This preview shows how black text looks on a background with the XYZ color 29.6191, 34.3770, 32.2685.



This preview shows how white text looks on a background with the XYZ color 29.6191, 34.3770,

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

29.6191, 34.3770, 32.2685

Protanopia

32.7018, 34.4362, 30.9099

Deuteranopia

34.8680, 34.2677, 32.7936



Tritanopia

32.1463, 34.3618, 44.4734

Trichromacy



Original Color

29.6191, 34.3770, 32.2685

Protanomaly

31.5095, 34.3233, 31.3499

Deuteranomaly

32.6333, 34.1130, 32.4683

Tritanomaly

31.0328, 34.1538, 39.6071

Monochromacy



Original Color

29.6191, 34.3770, 32.2685

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.4720, 33.2047, 34.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6191, 34.3770, 32.2685 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.6191, 34.3770, 32.2685 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, 146) }
```


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

```
.border{ border-color:rgb(142, 164, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6191, 34.3770, 32.2685 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, 146) }
```

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

```
.background{ background-color: rgb(142,  
164, 146) }
```

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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