

Converting Colors

XYZ(32.6095, 34.6541, 11.8758)

Have a look what the booklet for
XYZ(32.6095, 34.6541, 11.8758)
contains.

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Color

**XYZ(32.4175, 34.4595,
11.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	B59D4C
RGB	181, 157, 76
RGB Percent	71%, 62%, 30%
CMY	0.2902, 0.3843, 0.7020
CMYK	0.00, 0.13, 0.58, 0.29
HSL	46°, 42%, 50%
HSV	46°, 58%, 71%
XYZ	32.4175, 34.4595, 11.7802
YIQ	154.9420, 40.3050, -20.1030

Conversions

Conversions Part 2

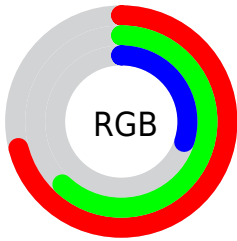
Format	Color
RYB	107, 181, 76
Decimal	11902284
CIELab	65.33, -1.20, 44.92
CIELCh	65, 44.932, 91.530
Yxy	34.4595, 0.4121, 0.4381
Android (android.graphics.Color)	4290092364 (0xFFB59D4C)
YUV	154.9420, -38.9184, 22.8529
Hunter-Lab	58.7022, -4.1547, 29.1934

Details

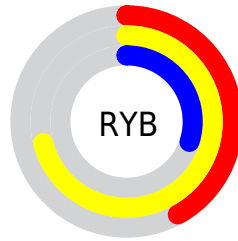
The XYZ color **32.4175, 34.4595, 11.7802** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.8779, 13.9865, 45.5786**, and the grayscale version is **31.2851, 32.9143, 35.8437**.

A 20% lighter version of the original color is **62.7216, 66.4716, 29.6032**, and **13.7869, 14.7382, 3.0378** is the 20% darker color. If you saturate the color by 10%, you get **31.1869, 32.8677, 8.6903**, and if you desaturate by 10%, it is **33.8505, 36.1728, 15.8116**.

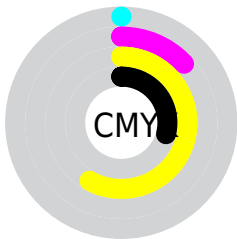
Distribution



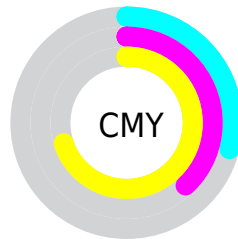
- Red (71%)
- Green (62%)
- Blue (30%)



- Red (42%)
- Yellow (71%)
- Blue (30%)



- Cyan (0%)
- Magenta (13%)
- Yellow (58%)
- Black (29%)



- Cyan (29%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4175, 34.4595, 11.7802 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 32.4175, 34.4595, 11.7802 by changing the saturation by 10% instead.

■ 32.4175, 34.4595,
11.7802

■ 32.4175, 34.4595,
11.7802

304.7283,
322.1761, 213.8707

■ 21.8377, 23.2468,
6.4735

■ 62.8258, 66.6476,
29.7525

■ 13.8536, 14.7759,
3.0617

■ 83.3850, 88.3918,
43.2552

■ 8.0999, 8.6622,
1.1262

■ 108.0014,
114.4153, 60.3270

■ 4.2113, 4.5215,
0.0000

■ 137.0403,
145.1025, 81.3863

■ 1.8224, 1.9694,
0.0000

■ 170.8671,
180.8378, 106.8519

■ 0.5311, 0.5896,
0.0000

209.8471,

■ 0.0000, 0.0000,

222.0056, 137.1421

0.0000

254.3458,
268.9902, 172.6755

■ 32.4175, 34.4595,
11.7802

■ 32.4175, 34.4595,
11.7802

■ 31.1869, 32.8677,
8.6903

■ 33.8505, 36.1728,
15.8116

■ 30.1407, 31.3858,
6.4594

■ 35.4971, 38.0085,
20.8538

■ 29.2617, 30.0080,
4.9940

■ 37.3706, 39.9737,
26.9716

■ 28.5211, 28.7224,
4.1442

■ 39.4824, 42.0731,
34.2240

■ 28.3810, 28.4738,
4.0002

■ 41.8431, 44.3115,
42.6658

■ 44.4626, 46.6930,
52.3481

■ 47.3502, 49.2218,
63.3189

■ 50.5148, 51.9018,
75.6238

■ 53.9648, 54.7366,
89.3061

Harmonies

Analogous

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



39.1309, 34.4595, 13.9056



32.4175, 34.4595, 11.7802



26.5979, 34.4595, 14.4086

Triad

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



32.4175, 34.4595, 11.7802



23.1476, 34.4595, 59.7212



45.1188, 34.4595, 57.4753

Complementary

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



32.4175, 34.4595, 11.7802



15.8779, 13.9865, 45.5786

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.



39.7905, 34.4595, 77.4278



32.4175, 34.4595, 11.7802



27.1083, 34.4595, 78.9998

Square

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



32.4175, 34.4595, 11.7802



21.7068, 34.4595, 38.4921



33.0902, 34.4595, 86.3619



47.0251, 34.4595, 36.5654

Rectangle

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



32.4175, 34.4595, 11.7802



23.8483, 34.4595, 19.2573



33.0902, 34.4595, 86.3619



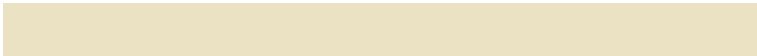
43.6363, 34.4595, 64.7305

Sweetspot

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



32.4183, 34.4611, 11.7809



71.0043, 75.6351, 62.3195



23.9651, 15.9227, 13.9945



15.1771, 16.1828, 12.8758



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.4183, 34.4611, 11.7809



55.2291, 58.0062, 14.1429



30.9652, 40.3417, 12.9925



9.0291, 9.5708, 9.0240



19.6195, 19.7376, 2.7757



0.6578, 0.7019, 0.1008

Inverse Universe

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



15.8779, 13.9865, 45.5786



22.8438, 17.9971, 80.5644



16.6341, 11.4485, 45.0488



8.1943, 8.5349, 10.7218



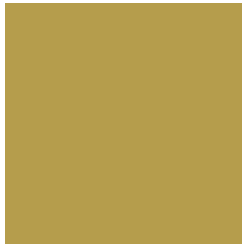
6.3498, 3.4999, 30.4779



0.2442, 0.1989, 0.9738

Previews

White Background



This preview shows how the XYZ color 32.4175, 34.4595, 11.7802 looks on a white background.

Color Contrast Check

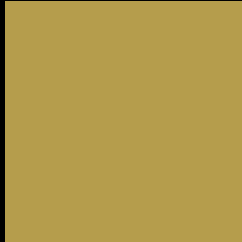
Large Text (above 18pt) WCAG AA × Fail

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 32.4175, 34.4595, 11.7802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

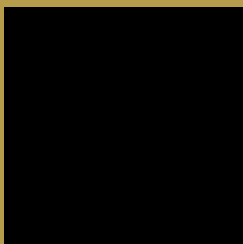
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

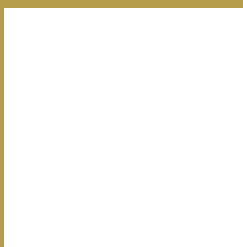
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4175, 34.4595, 11.7802

Background



This preview shows how black text looks on a background with the XYZ color 32.4175, 34.4595, 11.7802.



This preview shows how white text looks on a background with the XYZ color 32.4175, 34.4595,

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

32.4175, 34.4595, 11.7802

Protanopia

31.6422, 34.5622, 12.0246

Deuteranopia

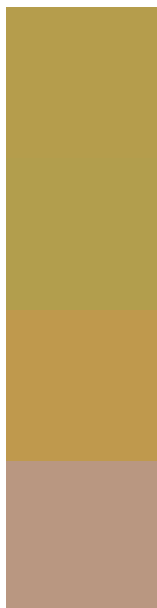
35.2067, 34.4190, 11.9957



Tritanopia

37.5870, 34.3744, 37.4548

Trichromacy



Original Color

32.4175, 34.4595, 11.7802

Protanomaly

31.9265, 34.4545, 11.9889

Deuteranomaly

34.2166, 34.3947, 11.8566

Tritanomaly

35.0366, 34.0325, 25.4912

Monochromacy



Original Color

32.4175, 34.4595, 11.7802

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9642, 33.1758, 24.5102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4175, 34.4595, 11.7802 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(181, 157, 76)` looks like.

```
.text, #text, p{  
    color:rgb(181, 157, 76)  
}
```

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(181, 157, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 157, 76) }
```

Border

The CSS property to change the border of an element to XYZ 32.4175, 34.4595, 11.7802 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(181, 157, 76) }
```


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

```
.border{ border-color:rgb(181, 157, 76) }
```

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

Here you see how a box with a 4 pixel rgb(181, 157, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 157, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 157, 76);  
box-shadow:4px 4px 4px 4px rgb(181, 157,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4175, 34.4595, 11.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 157, 76) }
```

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

```
.background{ background-color: rgb(181,  
157, 76) }
```

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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