

Converting Colors

XYZ(32.2415, 34.7069, 6.8809)

Have a look what the booklet for
XYZ(32.2415, 34.7069, 6.8809)
contains.

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Color

**XYZ(32.3602, 34.7906,
6.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	B89E27
RGB	184, 158, 39
RGB Percent	72%, 62%, 15%
CMY	0.2784, 0.3804, 0.8470
CMYK	0.00, 0.14, 0.79, 0.28
HSL	49°, 65%, 44%
HSV	49°, 79%, 72%
XYZ	32.3602, 34.7906, 6.9291
YIQ	152.2080, 53.6950, -31.4970

Conversions

Conversions Part 2

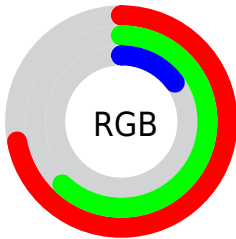
Format	Color
RYB	71, 184, 39
Decimal	12099111
CIELab	65.59, -2.53, 60.82
CIElCh	66, 60.868, 92.378
Yxy	34.7906, 0.4368, 0.4696
Android (android.graphics.Color)	4290289191 (0xFFB89E27)
YUV	152.2080, -55.8115, 27.8816
Hunter-Lab	58.9836, -5.2906, 34.3234

Details

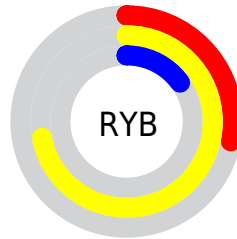
The XYZ color **32.3602, 34.7906, 6.9291** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.3787, 7.6724, 46.2281**, and the grayscale version is **30.1533, 31.7236, 34.5470**.

A 20% lighter version of the original color is **62.5260, 66.9498, 20.2168**, and **14.0101, 15.0274, 2.1622** is the 20% darker color. If you saturate the color by 10%, you get **31.5713, 33.5881, 5.5095**, and if you desaturate by 10%, it is **33.3136, 36.0858, 9.1334**.

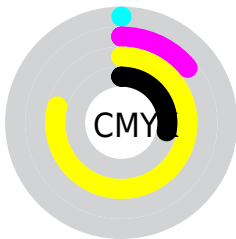
Distribution



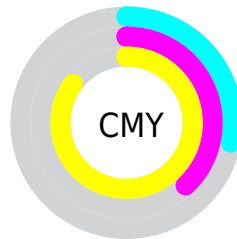
- Red (72%)
- Green (62%)
- Blue (15%)



- Red (28%)
- Yellow (72%)
- Blue (15%)



- Cyan (0%)
- Magenta (14%)
- Yellow (79%)
- Black (28%)



- Cyan (28%)
- Magenta (38%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3602, 34.7906, 6.9291 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 32.3602, 34.7906, 6.9291 by changing the saturation by 10% instead.

■ 32.3602, 34.7906,
6.9291

■ 32.3602, 34.7906,
6.9291

304.4730,
323.6431, 176.6818

■ 21.7937, 23.5016,
3.3400

■ 62.7367, 67.1612,
20.3409

■ 13.8211, 14.9643,
1.2708

■ 83.2774, 89.0117,
31.0006

■ 8.0772, 8.7944,
0.0377

■ 107.8736,
115.1514, 44.8544

■ 4.1966, 4.6073,
0.0000

■ 136.8905,
145.9648, 62.3207

■ 1.8140, 2.0187,
0.0000

■ 170.6935,
181.8363, 83.8180

■ 0.5261, 0.6183,
0.0000

■ 209.6481,

■ 0.0000, 0.0000,

223.1502, 109.7650

0.0000

254.1194,
270.2910, 140.5800

■ 32.3602, 34.7906,
6.9291

■ 32.3602, 34.7906,
6.9291

■ 31.5713, 33.5881,
5.5095

■ 33.3136, 36.0858,
9.1334

■ 30.9114, 32.4599,
4.6995

■ 34.4482, 37.4764,
12.2199

■ 30.8356, 32.3276,
4.6146

■ 35.7809, 38.9708,
16.2740

■ 37.3260, 40.5749,
21.3706

■ 39.0965, 42.2941,
27.5770

■ 41.1041, 44.1332,
34.9552

■ 43.3599, 46.0967,
43.5622

■ 45.8740, 48.1891,
53.4515

■ 48.6563, 50.4143,
64.6734

Harmonies

Analogous

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



41.6844, 34.7906, 8.8805



32.3602, 34.7906, 6.9291



24.6985, 34.7906, 9.6790

Triad

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



32.3602, 34.7906, 6.9291



20.5827, 34.7906, 70.7875



50.7334, 34.7906, 65.5609

Complementary

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



32.3602, 34.7906, 6.9291



11.3787, 7.6724, 46.2281

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.



43.1408, 34.7906, 96.4373



32.3602, 34.7906, 6.9291



25.7282, 34.7906, 100.2911

Square

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



32.3602, 34.7906, 6.9291



18.7075, 34.7906, 39.9579



33.7849, 34.7906, 111.3177



53.3612, 34.7906, 35.8774

Rectangle

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



32.3602, 34.7906, 6.9291



21.2467, 34.7906, 15.0932



33.7849, 34.7906, 111.3177



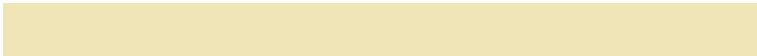
48.6171, 34.7906, 76.5283

Sweetspot

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



32.3610, 34.7923, 6.9298



72.4211, 78.1102, 55.6090



21.4638, 12.0300, 6.2813



15.3428, 16.5886, 11.0071



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.3610, 34.7923, 6.9298



56.2947, 59.2894, 8.8243



28.0017, 39.8376, 8.1334



9.6096, 10.2221, 9.5735



21.2988, 22.3739, 3.1960



0.7871, 0.8612, 0.1247

Inverse Universe

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



11.3787, 7.6724, 46.2281



17.0994, 8.8803, 83.0174



13.1163, 6.8395, 45.9758



8.6479, 8.9730, 11.3556



6.3753, 3.2102, 31.5367



0.2648, 0.1932, 1.1251

Previews

White Background



This preview shows how the XYZ color 32.3602, 34.7906, 6.9291 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 32.3602, 34.7906, 6.9291 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 32.3602, 34.7906, 6.9291

Background



This preview shows how black text looks on a background with the XYZ color 32.3602, 34.7906, 6.9291.



This preview shows how white text looks on a background with the XYZ color 32.3602, 34.7906,

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

32.3602, 34.7906, 6.9291

Protanopia

31.5274, 34.8718, 6.9887

Deuteranopia

35.3039, 34.5797, 7.0043



Tritanopia

38.4300, 34.5771, 37.4495

Trichromacy



Original Color

32.3602, 34.7906, 6.9291

Protanomaly

31.8204, 34.7665, 6.9529

Deuteranomaly

34.2040, 34.7406, 7.0007

Tritanomaly

35.1474, 34.1898, 20.9665

Monochromacy



Original Color

32.3602, 34.7906, 6.9291

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7347, 32.1514, 19.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3602, 34.7906, 6.9291 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(184, 158, 39)` looks like.

```
.text, #text, p{  
    color:rgb(184, 158, 39)  
}
```

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(184, 158, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 158, 39) }
```

Border

The CSS property to change the border of an element to XYZ 32.3602, 34.7906, 6.9291 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(184, 158, 39) }
```


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

```
.border{ border-color:rgb(184, 158, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 158, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 158, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 158, 39);  
box-shadow:4px 4px 4px 4px rgb(184, 158,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3602, 34.7906, 6.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 158, 39) }
```

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

```
.background{ background-color: rgb(184,  
158, 39) }
```

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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