

Converting Colors

XYZ(32.4584, 36.3148, 7.1119)

Have a look what the booklet for
XYZ(32.4584, 36.3148, 7.1119)
contains.

XYZ(32.4477, 36.3942, 7.1483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.4477, 36.3942,
7.1483)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A426
RGB	180, 164, 38
RGB Percent	71%, 64%, 15%
CMY	0.2941, 0.3568, 0.8510
CMYK	0.00, 0.09, 0.79, 0.29
HSL	53°, 65%, 43%
HSV	53°, 79%, 71%
XYZ	32.4477, 36.3942, 7.1483
YIQ	154.4200, 49.9820, -35.7940

Conversions

Conversions Part 2

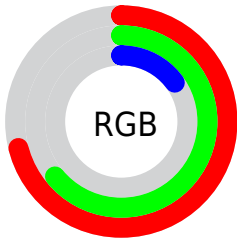
Format	Color
RYB	56, 180, 38
Decimal	11838502
CIELab	66.82, -7.53, 62.11
CIELCh	67, 62.566, 96.915
Yxy	36.3942, 0.4270, 0.4789
Android (android.graphics.Color)	4290028582 (0xFFB4A426)
YUV	154.4200, -57.3951, 22.4337
Hunter-Lab	60.3276, -9.5656, 35.2040

Details

The XYZ color **32.4477, 36.3942, 7.1483** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.3568, 6.3457, 43.8586**, and the grayscale version is **31.1302, 32.7514, 35.6663**.

A 20% lighter version of the original color is **62.9485, 69.8219, 20.7489**, and **14.0735, 16.0212, 2.3506** is the 20% darker color. If you saturate the color by 10%, you get **31.8649, 35.5865, 5.8515**, and if you desaturate by 10%, it is **33.1783, 37.2731, 9.1877**.

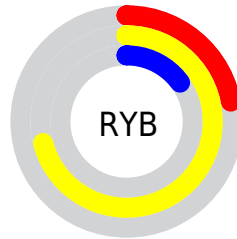
Distribution



Red (71%)

Green (64%)

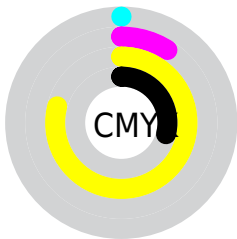
Blue (15%)



Red (22%)

Yellow (71%)

Blue (15%)

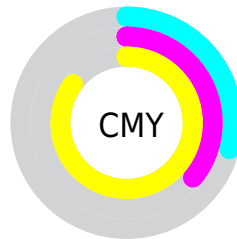


Cyan (0%)

Magenta (9%)

Yellow (79%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4477, 36.3942, 7.1483 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 32.4477, 36.3942, 7.1483 by changing the saturation by 10% instead.

■ 32.4477, 36.3942,
7.1483

■ 32.4477, 36.3942,
7.1483

304.8628,
330.6803, 178.5678

■ 21.8609, 24.7388,
3.4752

■ 62.8728, 69.6401,
20.7889

■ 13.8707, 15.8826,
1.3421

■ 83.4417, 91.9993,
31.5934

■ 8.1119, 9.4411,
0.0959

■ 108.0688,
118.6953, 45.6121

■ 4.2191, 5.0300,
0.0000

■ 137.1193,
150.1125, 63.2636

■ 1.8268, 2.2649,
0.0000

■ 170.9586,
186.6351, 84.9663

■ 0.5337, 0.7550,
0.0000

■ 209.9520,

■ 0.0000, 0.0000,

228.6477, 111.1389

0.0000

254.4650,
276.5346, 142.1999

■ 32.4477, 36.3942,
7.1483

■ 32.4477, 36.3942,
7.1483

■ 31.8649, 35.5865,
5.8515

■ 33.1783, 37.2731,
9.1877

■ 31.3954, 34.8319,
5.1261

■ 34.0722, 38.2252,
12.0618

■ 31.3453, 34.7493,
5.0552

■ 35.1454, 39.2583,
15.8515

■ 36.4114, 40.3780,
20.6278

■ 37.8824, 41.5891,
26.4545

■ 39.5696, 42.8961,
33.3902

■ 41.4832, 44.3032,
41.4890

■ 43.6329, 45.8143,
50.8017

■ 46.0278, 47.4330,
61.3758

Harmonies

Analogous

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



42.2243, 36.3942, 8.4286



32.4477, 36.3942, 7.1483



24.7770, 36.3942, 10.8665

Triad

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



32.4477, 36.3942, 7.1483



21.9924, 36.3942, 79.8692



54.1657, 36.3942, 63.7607

Complementary

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



32.4477, 36.3942, 7.1483



10.3568, 6.3457, 43.8586

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.



46.7061, 36.3942, 97.5669



32.4477, 36.3942, 7.1483



27.9390, 36.3942, 109.4544

Square

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



32.4477, 36.3942, 7.1483



19.4952, 36.3942, 46.2351



36.8279, 36.3942, 117.0907



55.9709, 36.3942, 33.6808

Rectangle

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



32.4477, 36.3942, 7.1483



21.4809, 36.3942, 17.4515



36.8279, 36.3942, 117.0907



52.1779, 36.3942, 75.4048

Sweetspot

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



32.4485, 36.3959, 7.1490



70.0091, 76.4492, 53.3418



20.1948, 11.3615, 4.6893



14.9063, 16.3467, 10.6106



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.



32.4485, 36.3959, 7.1490



57.1161, 63.4647, 9.5788



25.2117, 37.1851, 7.6828



9.1137, 9.7399, 9.0522



21.9081, 24.3148, 3.5385



0.7124, 0.8112, 0.1190

Inverse Universe

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



10.3568, 6.3457, 43.8586



15.7419, 7.3641, 78.8863



13.3887, 6.9796, 43.8212



8.1165, 8.3792, 10.6959



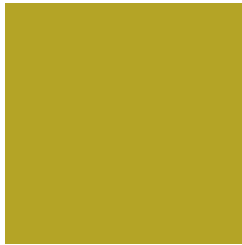
5.9539, 2.7081, 30.3459



0.2121, 0.1347, 0.9631

Previews

White Background



This preview shows how the XYZ color 32.4477, 36.3942, 7.1483 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 32.4477, 36.3942, 7.1483 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 32.4477, 36.3942, 7.1483

Background



This preview shows how black text looks on a background with the XYZ color 32.4477, 36.3942, 7.1483.



This preview shows how white text looks on a background with the XYZ color 32.4477, 36.3942,

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

32.4477, 36.3942, 7.1483

Protanopia

32.9755, 36.4016, 7.1219

Deuteranopia

36.8935, 36.1230, 7.3134



Tritanopia

39.1690, 36.3179, 40.5429

Trichromacy



Original Color

32.4477, 36.3942, 7.1483

Protanomaly

32.7384, 36.2794, 7.1108

Deuteranomaly

35.1328, 36.2159, 7.2365

Tritanomaly

35.6364, 35.8850, 22.5010

Monochromacy



Original Color

32.4477, 36.3942, 7.1483

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2557, 33.4101, 20.1834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4477, 36.3942, 7.1483 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(180, 164, 38)` looks like.

```
.text, #text, p{  
    color:rgb(180, 164, 38)  
}
```

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(180, 164, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 164, 38) }
```

Border

The CSS property to change the border of an element to XYZ 32.4477, 36.3942, 7.1483 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(180, 164, 38) }
```


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

```
.border{ border-color:rgb(180, 164, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 164, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 164, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 164, 38);  
box-shadow:4px 4px 4px 4px rgb(180, 164,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4477, 36.3942, 7.1483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 164, 38) }
```

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

```
.background{ background-color: rgb(180,  
164, 38) }
```

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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