

Converting Colors

XYZ(29.6047, 32.8799, 6.1526)

Have a look what the booklet for
XYZ(29.6047, 32.8799, 6.1526)
contains.

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Color

**XYZ(29.6047, 32.8799,
6.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9C20
RGB	174, 156, 32
RGB Percent	68%, 61%, 13%
CMY	0.3177, 0.3882, 0.8745
CMYK	0.00, 0.10, 0.82, 0.32
HSL	52°, 69%, 40%
HSV	52°, 82%, 68%
XYZ	29.6047, 32.8799, 6.1526
YIQ	147.2460, 50.5320, -34.7480

Conversions

Conversions Part 2

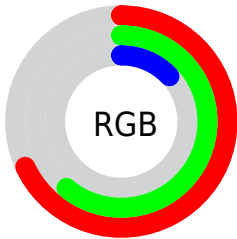
Format	Color
RYB	53, 174, 32
Decimal	11443232
CIELab	64.06, -6.17, 61.29
CIELCh	64, 61.603, 95.749
Yxy	32.8799, 0.4313, 0.4790
Android (android.graphics.Color)	4289633312 (0xFFAE9C20)
YUV	147.2460, -56.8163, 23.4633
Hunter-Lab	57.3410, -8.1886, 33.7770

Details

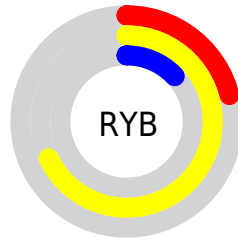
The XYZ color **29.6047, 32.8799, 6.1526** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.3763, 5.6443, 40.6392**, and the grayscale version is **28.0493, 29.5101, 32.1365**.

A 20% lighter version of the original color is **58.4540, 64.1381, 18.7502**, and **12.3877, 13.8851, 2.0272** is the 20% darker color. If you saturate the color by 10%, you get **29.0614, 32.0771, 5.0971**, and if you desaturate by 10%, it is **30.2810, 33.7492, 7.8690**.

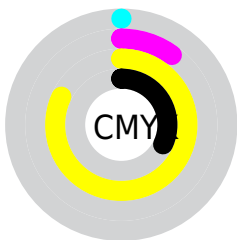
Distribution



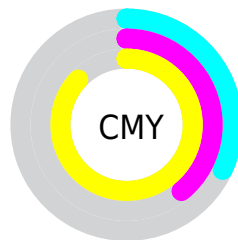
- Red (68%)
- Green (61%)
- Blue (13%)



- Red (21%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (82%)
- Black (32%)





- Cyan (32%)
- Magenta (39%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6047, 32.8799, 6.1526 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 29.6047, 32.8799, 6.1526 by changing the saturation by 10% instead.


 29.6047, 32.8799,
6.1526


 29.6047, 32.8799,
6.1526

292.0005,
315.1082, 169.7786


 19.6853, 22.0345,
2.8678


 58.4274, 64.1880,
18.7299


 12.2734, 13.8822,
1.0275


 78.0614, 85.4194,
28.8595

 7.0037, 8.0388,
0.0000


 101.6644,
110.8816, 42.1078

 3.5108, 4.1198,
0.0000

 129.6016,
140.9590, 58.8934

 1.4293, 1.7408,
0.0000

 162.2385,
176.0360, 79.6347

 0.2769, 0.4499,
0.0000

 199.9404,

 0.0000, 0.0000,

216.4969, 104.7503

0.0000

243.0726,
262.7262, 134.6587

■ 29.6047, 32.8799,
6.1526

■ 29.6047, 32.8799,
6.1526

■ 29.0614, 32.0771,
5.0971

■ 30.2810, 33.7492,
7.8690

■ 28.6753, 31.4385,
4.5569

■ 31.1055, 34.6872,
10.3354

■ 32.0935, 35.7015,
13.6292

■ 33.2577, 36.7972,
17.8176

■ 34.6097, 37.9790,
22.9608

■ 36.1599, 39.2511,
29.1141

■ 37.9180, 40.6175,
36.3281

■ 39.8931, 42.0818,
44.6504

■ 42.0937, 43.6474,
54.1256

Harmonies

Analogous

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



38.6416, 32.8799, 7.4697



29.6047, 32.8799, 6.1526



22.4580, 32.8799, 9.2892

Triad

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



29.6047, 32.8799, 6.1526



19.5416, 32.8799, 71.7386



49.1285, 32.8799, 59.3161

Complementary

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



29.6047, 32.8799, 6.1526



9.3763, 5.6443, 40.6392

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.



42.0842, 32.8799, 90.4895



29.6047, 32.8799, 6.1526



24.8691, 32.8799, 99.6940

Square

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



29.6047, 32.8799, 6.1526



17.3821, 32.8799, 40.8197



32.9580, 32.8799, 107.7988



51.0356, 32.8799, 31.2108

Rectangle

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



29.6047, 32.8799, 6.1526



19.3586, 32.8799, 15.0329



32.9580, 32.8799, 107.7988



47.2264, 32.8799, 70.1193

Sweetspot

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



29.6054, 32.8815, 6.1533



64.7612, 70.5312, 49.4735



18.5682, 10.2704, 4.1285



14.1740, 15.4963, 10.1218



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.6054, 32.8815, 6.1533



52.0570, 57.0714, 8.4025



23.4135, 34.5089, 6.7937



8.5748, 9.1544, 8.5284



20.8286, 22.8628, 3.3152



0.6031, 0.6834, 0.1001

Inverse Universe

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



9.3763, 5.6443, 40.6392



14.4513, 6.6450, 73.1578



11.8190, 5.9773, 40.5748



7.6577, 7.9147, 10.0768



5.7753, 2.6845, 29.2583



0.1857, 0.1248, 0.8223

Previews

White Background



This preview shows how the XYZ color 29.6047, 32.8799, 6.1526 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 29.6047, 32.8799, 6.1526 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 29.6047, 32.8799, 6.1526

Background



This preview shows how black text looks on a background with the XYZ color 29.6047, 32.8799, 6.1526.



This preview shows how white text looks on a background with the XYZ color 29.6047, 32.8799,

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

29.6047, 32.8799, 6.1526

Protanopia

29.8284, 32.9952, 6.1631

Deuteranopia

33.2733, 32.6031, 6.2896



Tritanopia

35.7396, 32.7524, 36.3365

Trichromacy



Original Color

29.6047, 32.8799, 6.1526

Protanomaly

29.8284, 32.9952, 6.1631

Deuteranomaly

31.7032, 32.4988, 6.1921

Tritanomaly

32.4945, 32.3680, 19.8642

Monochromacy



Original Color

29.6047, 32.8799, 6.1526

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3608, 30.0007, 17.7133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6047, 32.8799, 6.1526 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(174, 156, 32)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 32)  
}
```

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(174, 156, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 32) }
```

Border

The CSS property to change the border of an element to XYZ 29.6047, 32.8799, 6.1526 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(174, 156, 32) }
```


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

```
.border{ border-color:rgb(174, 156, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 32);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6047, 32.8799, 6.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 32) }
```

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

```
.background{ background-color: rgb(174,  
156, 32) }
```

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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