

Converting Colors

XYZ(29.2692, 40.4104, 6.2573)

Have a look what the booklet for
XYZ(29.2692, 40.4104, 6.2573)
contains.

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Color

**XYZ(29.3532, 40.5769,
6.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	94B800
RGB	148, 184, 0
RGB Percent	58%, 72%, 0%
CMY	0.4196, 0.2784, 0.9999
CMYK	0.20, 0.00, 1.00, 0.28
HSL	72°, 100%, 36%
HSV	72°, 100%, 72%
XYZ	29.3532, 40.5769, 6.2850
YIQ	152.2600, 37.6080, -64.8560

Conversions

Conversions Part 2

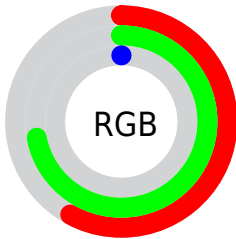
Format	Color
RYB	0, 184, 36
Decimal	9746432
CIELab	69.88, -32.20, 70.77
CIELCh	70, 77.752, 114.463
Yxy	40.5769, 0.3851, 0.5324
Android (android.graphics.Color)	4287936512 (0xFF94B800)
YUV	152.2600, -75.0642, -3.7360
Hunter-Lab	63.7000, -29.2215, 38.7401

Details

The XYZ color **29.3532, 40.5769, 6.2850** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.3807, 3.8367, 45.5960**, and the grayscale version is **30.2624, 31.8384, 34.6720**.

A 20% lighter version of the original color is **58.0250, 76.0065, 19.0096**, and **12.5299, 18.5079, 2.9120** is the 20% darker color. If you saturate the color by 10%, you get **29.3534, 40.5784, 6.2853**, and if you desaturate by 10%, it is **30.1282, 40.9648, 6.9094**.

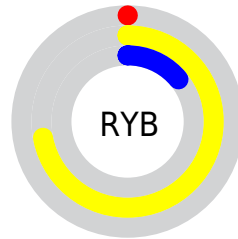
Distribution



Red (58%)

Green (72%)

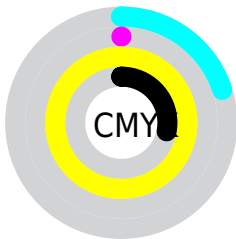
Blue (0%)



Red (0%)

Yellow (72%)

Blue (14%)

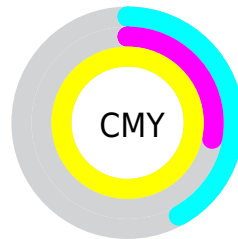


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (42%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3532, 40.5769, 6.2850 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 29.3532, 40.5769, 6.2850 by changing the saturation by 10% instead.


 29.3532, 40.5769,
6.2850


 29.3532, 40.5769,
6.2850


290.8421,
348.5492, 170.9819


 19.4938, 27.9886,
2.9476


 58.0315, 76.0412,
19.0074

 12.1337, 18.3171,
1.0679


 77.5810, 99.6860,
29.2295


 6.9077, 11.1779,
0.0000


 101.0914,
127.7851, 42.5835

 3.4502, 6.1866,
0.0000

 128.9278,
160.7230, 59.4880

 1.3961, 2.9589,
0.0000

 161.4558,
198.8839, 80.3616

 0.2534, 1.1103,
0.0000

 199.0406,

 0.0000, 0.0000,

242.6523, 105.6227

0.0000

242.0475,
292.4126, 135.6899

■ 29.3532, 40.5769,
6.2850

■ 29.3532, 40.5769,
6.2850

■ 29.3534, 40.5784,
6.2853

■ 30.1282, 40.9648,
6.9094

■ 31.0287, 41.4038,
8.0917

■ 32.0951, 41.9115,
10.0401

■ 33.3469, 42.4958,
12.8565

■ 34.8007, 43.1633,
16.6269

■ 36.4710, 43.9199,
21.4272

■ 38.3710, 44.7707,
27.3257

■ 40.5126, 45.7208,
34.3846

■ 42.9070, 46.7744,
42.6616

Harmonies

Analogous

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



40.9599, 40.5769, 4.8051



29.3532, 40.5769, 6.2850



21.9786, 40.5769, 14.8181

Triad

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



29.3532, 40.5769, 6.2850



26.0960, 40.5769, 128.4678



68.1662, 40.5769, 51.2431

Complementary

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



29.3532, 40.5769, 6.2850



9.3807, 3.8367, 45.5960

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.



61.9161, 40.5769, 98.2390



29.3532, 40.5769, 6.2850



36.2694, 40.5769, 155.9750

Square

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



29.3532, 40.5769, 6.2850



20.4059, 40.5769, 79.7255



49.5318, 40.5769, 142.6405



65.1871, 40.5769, 21.1723

Rectangle

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



29.3532, 40.5769, 6.2850



19.5713, 40.5769, 28.0373



49.5318, 40.5769, 142.6405



67.0399, 40.5769, 65.5701

Sweetspot

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



29.3541, 40.5787, 6.2859



69.3675, 81.0716, 48.9356



20.3332, 11.3207, 1.1139



14.6344, 17.3345, 9.5411



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.



29.3541, 40.5787, 6.2859



53.0111, 73.4538, 11.3840



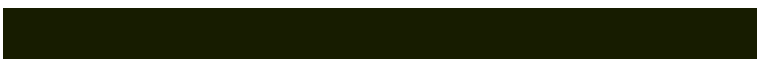
18.9028, 35.1909, 5.7967



9.5733, 10.4122, 9.6121



20.2866, 27.9944, 4.3342



0.7598, 1.0099, 0.1549

Inverse Universe

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



9.3807, 3.8367, 45.5960



16.8517, 6.8756, 82.6436



17.2186, 7.8773, 45.9628



8.6808, 8.8018, 11.3208



6.5111, 2.6678, 31.4248



0.2789, 0.1195, 1.1101

Previews

White Background



This preview shows how the XYZ color 29.3532, 40.5769, 6.2850 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 29.3532, 40.5769, 6.2850 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 29.3532, 40.5769, 6.2850

Background



This preview shows how black text looks on a background with the XYZ color 29.3532, 40.5769, 6.2850.



This preview shows how white text looks on a background with the XYZ color 29.3532, 40.5769,

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

29.3532, 40.5769, 6.2850

Protanopia

36.3011, 40.3323, 5.8716

Deuteranopia

41.2192, 40.3975, 7.0639



Tritanopia

38.4241, 40.4151, 51.6747

Trichromacy



Original Color

29.3532, 40.5769, 6.2850

Protanomaly

33.4298, 40.2808, 6.0130

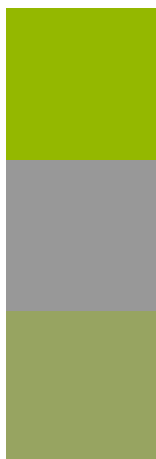
Deuteranomaly

35.9959, 39.8800, 6.5099

Tritanomaly

32.8959, 39.6278, 23.0547

Monochromacy



Original Color

29.3532, 40.5769, 6.2850

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.1956, 33.9933, 16.3846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3532, 40.5769, 6.2850 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(148, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 184, 0)  
}
```

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(148, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 184, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.3532, 40.5769, 6.2850 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(148, 184, 0) }
```


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

```
.border{ border-color:rgb(148, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 184,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3532, 40.5769, 6.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 184, 0) }
```

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

```
.background{ background-color: rgb(148,  
184, 0) }
```

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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