

Converting Colors

XYZ(29.0426, 39.4802, 7.7349)

Have a look what the booklet for
XYZ(29.0426, 39.4802, 7.7349)
contains.

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Color

**XYZ(29.0551, 39.4710,
7.7564)**

Conversions

Conversions Part 1

Format	Color
Hex	94B524
RGB	148, 181, 36
RGB Percent	58%, 71%, 14%
CMY	0.4196, 0.2902, 0.8588
CMYK	0.18, 0.00, 0.80, 0.29
HSL	74°, 67%, 43%
HSV	74°, 80%, 71%
XYZ	29.0551, 39.4710, 7.7564
YIQ	154.6030, 26.8770, -52.0910

Conversions

Conversions Part 2

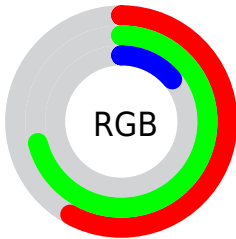
Format	Color
RYB	36, 181, 69
Decimal	9745700
CIELab	69.09, -29.95, 63.80
CIELCh	69, 70.481, 115.148
Yxy	39.4710, 0.3809, 0.5174
Android (android.graphics.Color)	4287935780 (0xFF94B524)
YUV	154.6030, -58.4713, -5.7908
Hunter-Lab	62.8260, -27.3946, 36.6583

Details

The XYZ color **29.0551, 39.4710, 7.7564** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **11.4271, 5.8642, 44.2480**, and the grayscale version is **31.2231, 32.8492, 35.7728**.

A 20% lighter version of the original color is **57.4814, 74.3557, 21.9122**, and **12.2334, 17.7655, 2.7843** is the 20% darker color. If you saturate the color by 10%, you get **28.1138, 39.0113, 6.6165**, and if you desaturate by 10%, it is **30.1645, 40.0038, 9.6350**.

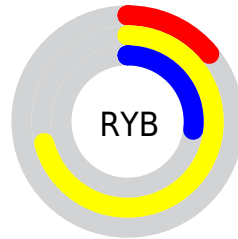
Distribution



Red (58%)

Green (71%)

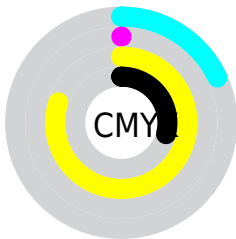
Blue (14%)



Red (14%)

Yellow (71%)

Blue (27%)

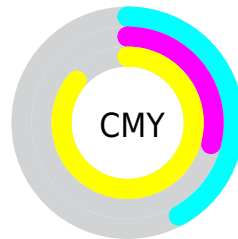


Cyan (18%)

Magenta (0%)

Yellow (80%)

Black (29%)



Cyan (42%)


Magenta (29%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0551, 39.4710, 7.7564 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 29.0551, 39.4710, 7.7564 by changing the saturation by 10% instead.


 29.0551, 39.4710,
7.7564


 29.0551, 39.4710,
7.7564


289.4644,
343.8888, 183.6713


 19.2670, 27.1263,
3.8539


 57.5616, 74.3573,
22.0177


 11.9685, 17.6681,
1.5456


 77.0106, 97.6677,
33.2137

 6.7943, 10.7120,
0.2515


 100.4108,
125.4022, 47.6779

 3.3790, 5.8735,
0.0000

 128.1273,
157.9451, 65.8288

 1.3572, 2.7683,
0.0000

 160.5255,
195.6808, 88.0851

 0.2254, 1.0120,
0.0000

 197.9709,

 0.0000, 0.0000,

238.9937, 114.8653

0.0000

240.8287,
288.2683, 146.5878

■ 29.0551, 39.4710,
7.7564

■ 29.0551, 39.4710,
7.7564

■ 28.1138, 39.0113,
6.6165

■ 30.1645, 40.0038,
9.6350

■ 27.3069, 38.6079,
6.0128

■ 31.4580, 40.6120,
12.3474

■ 32.9526, 41.3037,
15.9774

■ 34.6624, 42.0846,
20.5979

■ 36.6001, 42.9599,
26.2744

■ 38.7773, 43.9341,
33.0669

■ 41.2047, 45.0118,
41.0307

■ 43.8925, 46.1968,
50.2177

■ 46.8501, 47.4931,
60.6765

Harmonies

Analogous

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



39.3752, 39.4710, 6.0885



29.0551, 39.4710, 7.7564



22.4192, 39.4710, 16.4090

Triad

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



29.0551, 39.4710, 7.7564



26.4641, 39.4710, 116.4814



63.4564, 39.4710, 48.4320

Complementary

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



29.0551, 39.4710, 7.7564



11.4271, 5.8642, 44.2480

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.



58.2107, 39.4710, 88.9809



29.0551, 39.4710, 7.7564



35.7163, 39.4710, 138.9553

Square

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



29.0551, 39.4710, 7.7564



21.1462, 39.4710, 75.0393



47.4780, 39.4710, 126.9653



60.6970, 39.4710, 21.6630

Rectangle

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



29.0551, 39.4710, 7.7564



20.2532, 39.4710, 28.9752



47.4780, 39.4710, 126.9653



62.5450, 39.4710, 60.8893

Sweetspot

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



29.0560, 39.4728, 7.7572



67.7177, 77.9096, 53.7444



21.4080, 14.0165, 3.2468



14.3440, 16.7082, 10.7100



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.



29.0560, 39.4728, 7.7572



49.2539, 69.3170, 11.0530



19.9111, 34.7584, 7.3293



9.0041, 9.8072, 9.0709



18.8861, 26.6462, 4.1478



0.6408, 0.8624, 0.1327

Inverse Universe

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



11.4271, 5.8642, 44.2480



16.9424, 7.1597, 78.7836



19.7740, 10.1672, 44.6386



8.2170, 8.3204, 10.6792



6.4370, 2.6542, 30.3100



0.2536, 0.1098, 0.9561

Previews

White Background



This preview shows how the XYZ color 29.0551, 39.4710, 7.7564 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 29.0551, 39.4710, 7.7564 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 29.0551, 39.4710, 7.7564

Background



This preview shows how black text looks on a background with the XYZ color 29.0551, 39.4710, 7.7564.



This preview shows how white text looks on a background with the XYZ color 29.0551, 39.4710,

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

29.0551, 39.4710, 7.7564

Protanopia

35.4487, 39.3046, 7.1570

Deuteranopia

39.9479, 39.1957, 8.1494



Tritanopia

37.5318, 39.4347, 49.8895

Trichromacy



Original Color

29.0551, 39.4710, 7.7564

Protanomaly

32.6879, 39.0013, 7.3185

Deuteranomaly

35.1777, 38.8710, 7.9343

Tritanomaly

32.8106, 38.6402, 26.4979

Monochromacy



Original Color

29.0551, 39.4710, 7.7564

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.1490, 34.3962, 20.4320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0551, 39.4710, 7.7564 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, 181, 36)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 36)  
}
```

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, 181, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 36) }
```

Border

The CSS property to change the border of an element to XYZ 29.0551, 39.4710, 7.7564 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, 181, 36) }
```


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

```
.border{ border-color:rgb(148, 181, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 36);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0551, 39.4710, 7.7564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 36) }
```

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

```
.background{ background-color: rgb(148,  
181, 36) }
```

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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