

Converting Colors

XYZ(38.6895, 29.1516, 54.6266)

Have a look what the booklet for
XYZ(38.6895, 29.1516, 54.6266)
contains.

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Color

**XYZ(38.6895, 29.1516,
54.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	C17AC2
RGB	193, 122, 194
RGB Percent	76%, 48%, 76%
CMY	0.2431, 0.5216, 0.2392
CMYK	0.01, 0.37, 0.00, 0.24
HSL	299°, 37%, 62%
HSV	299°, 37%, 76%
XYZ	38.6895, 29.1516, 54.6266
YIQ	151.4370, 19.2040, 37.4440

Conversions

Conversions Part 2

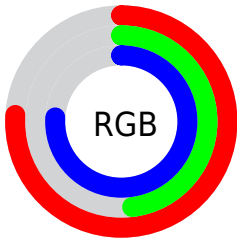
Format	Color
R _Y B	193, 122, 194
Decimal	12679874
CIE Lab	60.92, 39.03, -26.31
CIE LCh	61, 47.065, 326.016
Yxy	29.1516, 0.3159, 0.2380
Android (android.graphics.Color)	4290869954 (0xFFC17AC2)
YUV	151.4370, 20.9836, 36.4508
Hunter-Lab	53.9922, 33.4223, -22.1921

Details

The XYZ color **38.6895, 29.1516, 54.6266** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.9740, 44.2004, 25.3128**, and the grayscale version is **29.5106, 31.0474, 33.8106**.

A 20% lighter version of the original color is **72.7216, 58.5249, 98.7304**, and **17.4681, 11.8032, 26.1685** is the 20% darker color. If you saturate the color by 10%, you get **36.4728, 24.8193, 53.9076**, and if you desaturate by 10%, it is **41.3837, 34.4374, 55.5053**.

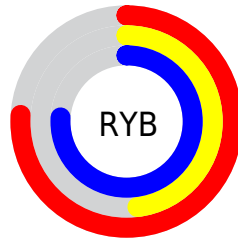
Distribution



Red (76%)

Green (48%)

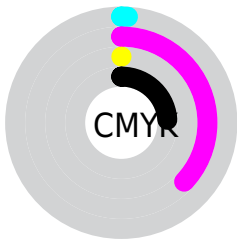
Blue (76%)



Red (76%)

Yellow (48%)

Blue (76%)

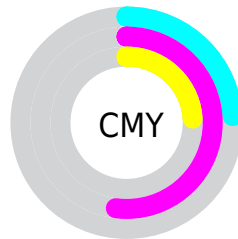


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6895, 29.1516, 54.6266 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 38.6895, 29.1516, 54.6266 by changing the saturation by 10% instead.

■ 38.6895, 29.1516,
54.6266

■ 38.6895, 29.1516,
54.6266

331.7985,
297.9296, 421.7369

■ 26.6979, 19.1955,
38.7063

■ 72.4609, 58.3179,
98.4593

■ 17.4819, 11.8117,
26.2252

■ 94.9713, 78.2968,
127.2088

■ 10.6761, 6.6156,
16.7649

■ 121.7188,
102.3856, 161.0717

■ 5.9151, 3.2229,
9.9069

153.0686,
130.9685, 200.4666

■ 2.8337, 1.2492,
5.2324

189.3861,
164.4300, 245.8120

■ 1.0664, 0.1013,
2.3232

231.0367,

■ 0.0000, 0.0000,

203.1544, 297.5265

0.7442

278.3857,
247.5261, 356.0286

■ 0.0000, 0.0000,
0.0000

■ 38.6895, 29.1516,
54.6266

■ 38.6895, 29.1516,
54.6266

■ 36.4728, 24.8193,
53.9076

■ 41.3837, 34.4374,
55.5053

■ 34.7022, 21.3799,
53.3371

■ 44.5787, 40.7251,
56.5505

■ 33.3474, 18.7716,
52.9050

■ 48.2995, 48.0644,
57.7711

■ 32.3726, 16.9233,
52.5997

■ 52.5688, 56.5005,
59.1744

■ 31.7364, 15.7520,
52.4071

■ 57.4080, 66.0760,
60.7676

■ 31.3815, 15.1432,
52.3083

■ 62.8371, 76.8313,
62.5574

■ 31.3011, 15.0114,
52.2871

■ 67.9740, 87.0020,
64.2498

■ 68.0436, 87.0379,
64.2531

■ 68.1133, 87.0738,
64.2563

Harmonies

Analogous

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



33.2126, 29.1516, 72.8284



38.6895, 29.1516, 54.6266



41.2254, 29.1516, 34.1475

Triad

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



38.6895, 29.1516, 54.6266



28.5357, 29.1516, 8.5551



18.3985, 29.1516, 48.9918

Complementary

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



38.6895, 29.1516, 54.6266



30.9740, 44.2004, 25.3128

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.



17.5243, 29.1516, 29.4506



38.6895, 29.1516, 54.6266



22.8474, 29.1516, 10.0270

Square

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



38.6895, 29.1516, 54.6266



34.8409, 29.1516, 11.1560



19.0296, 29.1516, 16.3505



21.6213, 29.1516, 68.8197

Rectangle

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



38.6895, 29.1516, 54.6266



40.6681, 29.1516, 23.3000



19.0296, 29.1516, 16.3505



17.8427, 29.1516, 42.0083

Sweetspot

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



38.6905, 29.1529, 54.6272



84.6493, 81.4422, 103.7282



24.8727, 22.2497, 54.0230



18.3324, 17.4307, 22.6482



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



38.6905, 29.1529, 54.6272



66.5907, 45.9636, 97.8319



35.4840, 27.8998, 36.4081



10.4830, 10.2402, 12.7089



20.5856, 9.8727, 34.3773



0.8939, 0.4289, 1.4856

Inverse Universe

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



32.7838, 26.8197, 22.1890



54.2836, 41.1067, 30.0486



33.3876, 45.1494, 38.7650



10.0787, 10.0801, 10.5052



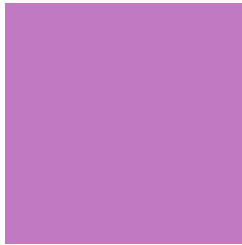
14.6397, 7.5456, 0.7489



0.6345, 0.3268, 0.0429

Previews

White Background



This preview shows how the XYZ color 38.6895, 29.1516, 54.6266 looks on a white background.

Color Contrast Check

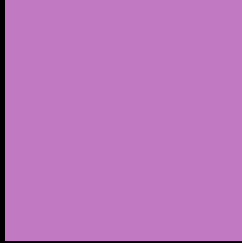
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6895, 29.1516, 54.6266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

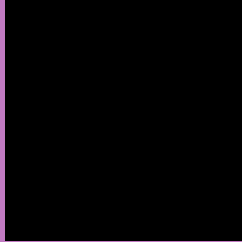
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6895, 29.1516, 54.6266

Background



This preview shows how black text looks on a background with the XYZ color 38.6895, 29.1516, 54.6266.



This preview shows how white text looks on a background with the XYZ color 38.6895, 29.1516,

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

38.6895, 29.1516, 54.6266

Protanopia

30.6132, 29.4399, 66.3563

Deuteranopia

30.0671, 29.4575, 52.8163



Tritanopia

33.5952, 29.1973, 29.8516

Trichromacy



Original Color

38.6895, 29.1516, 54.6266

Protanomaly

32.5428, 28.7831, 61.5981

Deuteranomaly

32.6477, 29.0238, 53.1717

Tritanomaly

35.3581, 29.1280, 37.9411

Monochromacy



Original Color

38.6895, 29.1516, 54.6266

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.0790, 29.6532, 40.5921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6895, 29.1516, 54.6266 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(193, 122, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 122, 194)  
}
```

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(193, 122, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 122, 194) }
```

Border

The CSS property to change the border of an element to XYZ 38.6895, 29.1516, 54.6266 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(193, 122, 194) }
```


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

```
.border{ border-color:rgb(193, 122, 194) }
```

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

Here you see how a box with a 4 pixel rgb(193, 122, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 122, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 122, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 122,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6895, 29.1516, 54.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 122, 194) }
```

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

```
.background{ background-color: rgb(193,  
122, 194) }
```

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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