

Converting Colors

XYZ(29.1206, 38.7918, 26.3755)

Have a look what the booklet for
XYZ(29.1206, 38.7918, 26.3755)
contains.

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Color

**XYZ(29.1196, 38.7902,
26.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	80B480
RGB	128, 180, 128
RGB Percent	50%, 71%, 50%
CMY	0.4980, 0.2941, 0.4980
CMYK	0.29, 0.00, 0.29, 0.29
HSL	120°, 26%, 60%
HSV	120°, 29%, 71%
XYZ	29.1196, 38.7902, 26.3746
YIQ	158.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

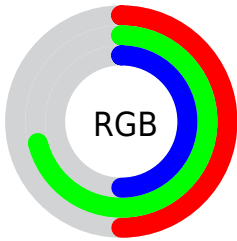
Format	Color
RYB	128, 180, 180
Decimal	8434816
CIELab	68.60, -27.58, 21.19
CIElCh	69, 34.780, 142.470
Yxy	38.7902, 0.3088, 0.4114
Android (android.graphics.Color)	4286624896 (0xFF80B480)
YUV	158.5240, -15.0483, -26.7695
Hunter-Lab	62.2818, -25.5361, 18.4896

Details

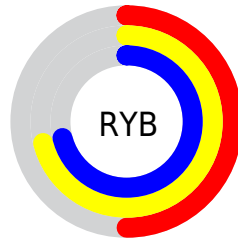
The XYZ color **29.1196, 38.7902, 26.3746** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7810, 28.4377, 46.8373**, and the grayscale version is **32.8093, 34.5180, 37.5901**.

A 20% lighter version of the original color is **57.6273, 73.2722, 54.8217**, and **12.0251, 17.3066, 9.9144** is the 20% darker color. If you saturate the color by 10%, you get **25.5670, 37.0849, 20.5629**, and if you desaturate by 10%, it is **33.3647, 40.8305, 33.3174**.

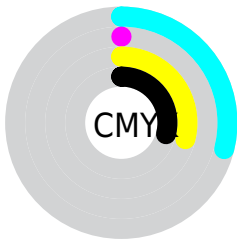
Distribution



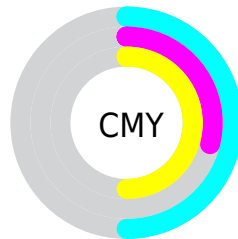
- Red (50%)
- Green (71%)
- Blue (50%)



- Red (50%)
- Yellow (71%)
- Blue (71%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (50%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1196, 38.7902, 26.3746 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 29.1196, 38.7902, 26.3746 by changing the saturation by 10% instead.

■ 29.1196, 38.7902,
26.3746

■ 29.1196, 38.7902,
26.3746

289.7629,
340.9977, 298.2799

■ 19.3161, 26.5966,
16.8758

■ 57.6633, 73.3177,
54.8701

■ 12.0042, 17.2705,
9.9850

■ 77.1342, 96.4204,
74.7040

■ 6.8188, 10.4275,
5.2835

■ 100.5582,
123.9281, 98.8199

■ 3.3943, 5.6833,
2.3529

128.3007,
156.2254, 127.6365

■ 1.3656, 2.6535,
0.7606

160.7270,
193.6966, 161.5722

■ 0.2315, 0.9536,
0.0000

198.2026,

■ 0.0000, 0.0000,

236.7262, 201.0457

0.0000

241.0928,
285.6984, 246.4754

■ 29.1196, 38.7902,
26.3746

■ 29.1196, 38.7902,
26.3746

■ 25.5670, 37.0849,
20.5629

■ 33.3647, 40.8305,
33.3174

■ 22.6675, 35.6921,
15.8202

■ 38.3332, 43.2171,
41.4442

■ 20.3821, 34.5943,
12.0820

■ 44.0575, 45.9668,
50.8073

■ 18.6667, 33.7703,
9.2761

■ 50.5676, 49.0939,
61.4555

■ 17.4712, 33.1960,
7.3205

■ 57.8913, 52.6119,
73.4348

■ 16.7368, 32.8433,
6.1192

■ 66.0556, 56.5336,
86.7888

■ 16.3580, 32.6613,
5.4996

■ 75.0860, 60.8714,
101.5593

■ 16.3220, 32.6440,
5.4408

■ 75.6120, 61.1240,
102.4207

Harmonies

Analogous

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



32.9821, 38.7902, 20.0164



29.1196, 38.7902, 26.3746



27.3680, 38.7902, 38.3989

Triad

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



29.1196, 38.7902, 26.3746



35.5036, 38.7902, 79.8272



47.5021, 38.7902, 31.7090

Complementary

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



29.1196, 38.7902, 26.3746



34.7810, 28.4377, 46.8373

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.



48.3477, 38.7902, 46.3205



29.1196, 38.7902, 26.3746



41.0497, 38.7902, 76.7594

Square

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



29.1196, 38.7902, 26.3746



30.8085, 38.7902, 71.0124



45.8839, 38.7902, 63.4444



43.6762, 38.7902, 22.5210

Rectangle

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



29.1196, 38.7902, 26.3746



27.4977, 38.7902, 49.1013



45.8839, 38.7902, 63.4444



48.1588, 38.7902, 36.0423

Sweetspot

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



29.1206, 38.7918, 26.3755



69.2478, 78.2356, 74.7262



39.0416, 43.9063, 26.8394



14.6703, 16.7670, 15.6659



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.



29.1206, 38.7918, 26.3755



48.3426, 68.1938, 40.5322



31.0571, 39.5664, 36.5730



8.3890, 9.4901, 9.0422



11.3913, 22.7825, 3.7972



0.3584, 0.7168, 0.1195

Inverse Universe

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



34.7810, 28.4377, 46.8373



60.3744, 46.1850, 84.0258



32.3754, 27.4754, 34.1697



8.8501, 8.6467, 10.7088



18.8864, 9.0721, 30.8912



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 29.1196, 38.7902, 26.3746 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 29.1196, 38.7902, 26.3746 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 29.1196, 38.7902, 26.3746

Background



This preview shows how black text looks on a background with the XYZ color 29.1196, 38.7902, 26.3746.



This preview shows how white text looks on a background with the XYZ color 29.1196, 38.7902,

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

29.1196, 38.7902, 26.3746

Protanopia

35.9220, 38.6263, 23.9747

Deuteranopia

38.9838, 38.2769, 27.1633



Tritanopia

34.4540, 38.9213, 52.1510

Trichromacy



Original Color

29.1196, 38.7902, 26.3746

Protanomaly

32.8878, 38.4339, 24.7539

Deuteranomaly

34.4930, 37.8222, 26.9552

Tritanomaly

32.3085, 38.9182, 41.4064

Monochromacy



Original Color

29.1196, 38.7902, 26.3746

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.3768, 36.0715, 33.3257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1196, 38.7902, 26.3746 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(128, 180, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 180, 128)  
}
```

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(128, 180, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 180, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.1196, 38.7902, 26.3746 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(128, 180, 128) }
```


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

```
.border{ border-color:rgb(128, 180, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 180, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 180, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 180, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 180,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1196, 38.7902, 26.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 180, 128) }
```

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

```
.background{ background-color: rgb(128,  
180, 128) }
```

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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