

Converting Colors

XYZ(30.0933, 29.1433, 47.2191)

Have a look what the booklet for
XYZ(30.0933, 29.1433, 47.2191)
contains.

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Color

**XYZ(30.0933, 29.1433,
47.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	938FB4
RGB	147, 143, 180
RGB Percent	58%, 56%, 71%
CMY	0.4235, 0.4392, 0.2941
CMYK	0.18, 0.21, 0.00, 0.29
HSL	246°, 20%, 63%
HSV	246°, 21%, 71%
XYZ	30.0933, 29.1433, 47.2191
YIQ	148.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

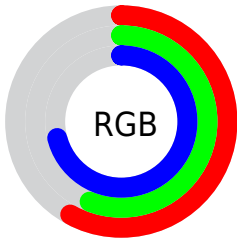
Format	Color
RYB	147, 143, 180
Decimal	9670580
CIELab	60.91, 9.29, -18.79
CIELCh	61, 20.955, 296.303
Yxy	29.1433, 0.2827, 0.2738
Android (android.graphics.Color)	4287860660 (0xFF938FB4)
YUV	148.4140, 15.5719, -1.2401
Hunter-Lab	53.9845, 5.0306, -14.0705

Details

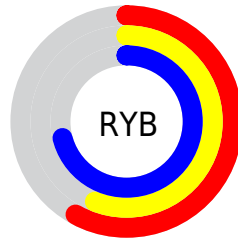
The XYZ color **30.0933, 29.1433, 47.2191** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.1847, 43.8565, 32.3879**, and the grayscale version is **28.2618, 29.7336, 32.3799**.

A 20% lighter version of the original color is **59.1940, 58.4061, 87.5105**, and **12.5690, 11.8478, 21.7031** is the 20% darker color. If you saturate the color by 10%, you get **24.9242, 22.7845, 46.2646**, and if you desaturate by 10%, it is **36.0996, 36.5788, 48.3382**.

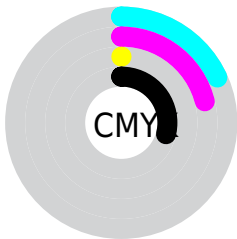
Distribution



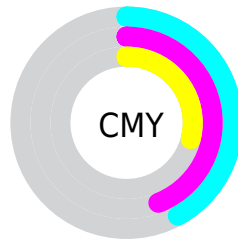
- Red (58%)
- Green (56%)
- Blue (71%)



- Red (58%)
- Yellow (56%)
- Blue (71%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0933, 29.1433, 47.2191 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 30.0933, 29.1433, 47.2191 by changing the saturation by 10% instead.

■ 30.0933, 29.1433,
47.2191

■ 30.0933, 29.1433,
47.2191

294.2411,
297.8905, 392.1075

■ 20.0578, 19.1893,
32.8533

■ 59.1953, 58.3047,
87.3940

■ 12.5456, 11.8071,
21.7439

■ 78.9926, 78.2808,
114.0402

■ 7.1912, 6.6125,
13.4723

■ 102.7745,
102.3664, 145.6169

■ 3.6294, 3.2209,
7.6201

130.9064,
130.9459, 182.5427

■ 1.4947, 1.2481,
3.7685

163.7536,
164.4037, 225.2361

■ 0.3222, 0.1005,
1.4992

201.6816,

■ 0.0000, 0.0000,

203.1241, 274.1157

0.2174

245.0557,
247.4916, 329.5999

■ 0.0000, 0.0000,
0.0000

■ 30.0933, 29.1433,
47.2191

■ 30.0933, 29.1433,
47.2191

■ 24.9242, 22.7845,
46.2646

■ 36.0996, 36.5788,
48.3382

■ 20.5524, 17.4489,
45.4652

■ 42.9753, 45.1340,
49.6271

■ 16.9388, 13.0841,
44.8132

■ 50.7541, 54.8538,
51.0933

■ 14.0398, 9.6313,
44.2995

■ 59.4671, 65.7797,
52.7429

■ 11.8076, 7.0255,
43.9142

■ 69.1440, 77.9511,
54.5822

■ 10.1882, 5.1929,
43.6458

■ 79.8131, 91.4057,
56.6169

■ 9.1190, 4.0470,
43.4810

■ 85.2383, 96.0753,
57.2323

■ 8.5158, 3.4384,
43.3953

Harmonies

Analogous

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



27.3625, 29.1433, 49.2366



30.0933, 29.1433, 47.2191



32.3040, 29.1433, 40.8315

Triad

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



30.0933, 29.1433, 47.2191



30.7175, 29.1433, 20.7893



22.7816, 29.1433, 30.7720

Complementary

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



30.0933, 29.1433, 47.2191



39.1847, 43.8565, 32.3879

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.



23.5553, 29.1433, 24.0962



30.0933, 29.1433, 47.2191



28.0399, 29.1433, 18.9626

Square

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



30.0933, 29.1433, 47.2191



32.6807, 29.1433, 25.5218



25.4368, 29.1433, 20.0662



23.2526, 29.1433, 38.8761

Rectangle

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



30.0933, 29.1433, 47.2191



33.1232, 29.1433, 35.4292



25.4368, 29.1433, 20.0662



22.9033, 29.1433, 28.3016

Sweetspot

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



30.0942, 29.1445, 47.2198



70.8066, 72.9737, 88.6480



35.1510, 40.3041, 49.1073



15.1342, 15.5612, 19.1282



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.



30.0942, 29.1445, 47.2198



49.8127, 46.9863, 84.7385



33.6204, 30.9623, 47.3848



8.1244, 8.2727, 10.6749



5.9727, 2.4148, 30.2883



0.2154, 0.0901, 0.9543

Inverse Universe

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



36.4823, 32.4841, 45.4228



63.6845, 54.2412, 80.7025



35.3413, 41.8752, 32.2080



8.8097, 8.6306, 10.4962



17.6140, 8.5631, 24.1909



0.5654, 0.2739, 0.8203

Previews

White Background



This preview shows how the XYZ color 30.0933, 29.1433, 47.2191 looks on a white background.

Color Contrast Check

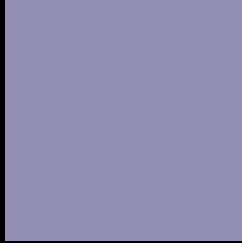
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0933, 29.1433, 47.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

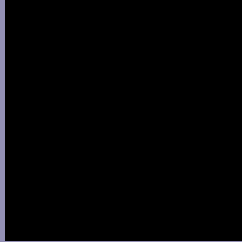
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0933, 29.1433, 47.2191

Background



This preview shows how black text looks on a background with the XYZ color 30.0933, 29.1433, 47.2191.



This preview shows how white text looks on a background with the XYZ color 30.0933, 29.1433,

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

30.0933, 29.1433, 47.2191

Protanopia

29.0501, 29.0315, 48.3285

Deuteranopia

29.8885, 29.2615, 47.2528



Tritanopia

27.9330, 29.1757, 36.5070

Trichromacy



Original Color

30.0933, 29.1433, 47.2191

Protanomaly

29.2983, 28.9454, 47.7589

Deuteranomaly

30.0655, 29.3528, 47.2610

Tritanomaly

28.6634, 29.2402, 40.2096

Monochromacy



Original Color

30.0933, 29.1433, 47.2191

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8368, 29.3917, 37.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0933, 29.1433, 47.2191 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(147, 143, 180)` looks like.

```
.text, #text, p{  
    color:rgb(147, 143, 180)  
}
```

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(147, 143, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 143, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.0933, 29.1433, 47.2191 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(147, 143, 180) }
```


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

```
.border{ border-color:rgb(147, 143, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 143, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 143, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 143, 180); box-shadow:4px 4px 4px 4px rgb(147, 143, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0933, 29.1433, 47.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 143, 180) }
```

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

```
.background{ background-color: rgb(147,  
143, 180) }
```

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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