

Converting Colors

XYZ(29.3843, 29.7676, 47.5724)

Have a look what the booklet for
XYZ(29.3843, 29.7676, 47.5724)
contains.

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Color

**XYZ(29.3194, 29.6517,
47.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	8B93B4
RGB	139, 147, 180
RGB Percent	55%, 58%, 71%
CMY	0.4549, 0.4235, 0.2941
CMYK	0.23, 0.18, 0.00, 0.29
HSL	228°, 21%, 63%
HSV	228°, 23%, 71%
XYZ	29.3194, 29.6517, 47.3581
YIQ	148.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

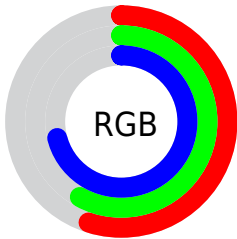
Format	Color
RYB	139, 146, 180
Decimal	9147316
CIELab	61.35, 4.42, -18.17
CIELCh	61, 18.697, 283.681
Yxy	29.6517, 0.2757, 0.2789
Android (android.graphics.Color)	4287337396 (0xFF8B93B4)
YUV	148.3700, 15.5936, -8.2175
Hunter-Lab	54.4534, 0.8166, -13.4472

Details

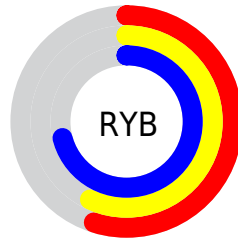
The XYZ color **29.3194, 29.6517, 47.3581** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2355, 41.0725, 30.3394**, and the grayscale version is **28.2450, 29.7160, 32.3607**.

A 20% lighter version of the original color is **58.0193, 59.1669, 87.7193**, and **12.1300, 12.1564, 21.7858** is the 20% darker color. If you saturate the color by 10%, you get **24.4451, 24.0032, 46.5252**, and if you desaturate by 10%, it is **34.9741, 36.1251, 48.3101**.

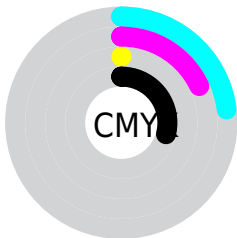
Distribution



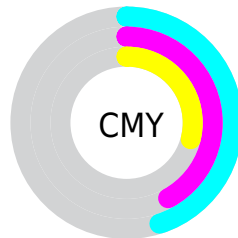
- Red (55%)
- Green (58%)
- Blue (71%)



- Red (55%)
- Yellow (57%)
- Blue (71%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (45%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3194, 29.6517, 47.3581 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 29.3194, 29.6517, 47.3581 by changing the saturation by 10% instead.

■ 29.3194, 29.6517,
47.3581

■ 29.3194, 29.6517,
47.3581

290.6861,
300.2776, 392.6772

■ 19.4681, 19.5744,
32.9625

■ 57.9782, 59.1109,
87.6035

■ 12.1150, 12.0860,
21.8268

■ 77.5164, 79.2616,
114.2903

■ 6.8948, 6.8023,
13.5326

■ 101.0143,
103.5389, 145.9113

■ 3.4421, 3.3388,
7.6613

128.8372,
132.3271, 182.8849

■ 1.3917, 1.3110,
3.7943

161.3505,
166.0107, 225.6298

■ 0.2503, 0.1497,
1.5132

198.9195,

■ 0.0000, 0.0000,

204.9740, 274.5644

0.2277

241.9096,
249.6015, 330.1074

■ 0.0000, 0.0000,
0.0000

■ 29.3194, 29.6517,
47.3581

■ 29.3194, 29.6517,
47.3581

■ 24.4451, 24.0032,
46.5252

■ 34.9741, 36.1251,
48.3101

■ 20.3139, 19.1426,
45.8048

■ 41.4390, 43.4515,
49.3834

■ 16.8891, 15.0352,
45.1925

■ 48.7456, 51.6618,
50.5831

■ 14.1300, 11.6424,
44.6830

■ 56.9229, 60.7844,
51.9129

■ 11.9918, 8.9219,
44.2706

■ 65.9986, 70.8465,
53.3768

■ 10.4235, 6.8267,
43.9488

■ 75.9990, 81.8740,
54.9782

■ 9.3655, 5.3032,
43.7105

■ 83.1732, 91.9451,
56.5440

■ 8.8431, 4.5049,
43.5840

■ 85.2383, 96.0753,
57.2324

Harmonies

Analogous

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



26.8717, 29.6517, 47.1495



29.3194, 29.6517, 47.3581



31.5861, 29.6517, 43.1352

Triad

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



29.3194, 29.6517, 47.3581



31.7529, 29.6517, 23.7862



23.8732, 29.6517, 28.6185

Complementary

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



29.3194, 29.6517, 47.3581



38.2355, 41.0725, 30.3394

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.



25.0337, 29.6517, 23.4275



29.3194, 29.6517, 47.3581



29.5364, 29.6517, 20.9286

Square

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



29.3194, 29.6517, 47.3581



33.0455, 29.6517, 29.1793



27.0764, 29.6517, 20.8076



23.8227, 29.6517, 35.6050

Rectangle

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



29.3194, 29.6517, 47.3581



32.6501, 29.6517, 38.6881



27.0764, 29.6517, 20.8076



24.1432, 29.6517, 26.6317

Sweetspot

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



29.3203, 29.6529, 47.3588



69.8620, 72.8232, 88.6688



34.3966, 41.1030, 45.0505



14.9514, 15.5717, 19.1399



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.



29.3203, 29.6529, 47.3588



48.8501, 48.7851, 85.1364



30.2898, 28.3694, 47.0599



8.1718, 8.4898, 10.7143



6.2105, 3.2213, 30.4314



0.2349, 0.1804, 0.9707

Inverse Universe

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



33.3222, 30.2759, 31.6926



57.3526, 50.2623, 51.8174



37.0667, 42.7991, 30.7343



8.5619, 8.5315, 9.1914



13.3694, 6.8653, 1.8394



0.4406, 0.2240, 0.1629

Previews

White Background



This preview shows how the XYZ color 29.3194, 29.6517, 47.3581 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 29.3194, 29.6517, 47.3581 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 29.3194, 29.6517, 47.3581

Background



This preview shows how black text looks on a background with the XYZ color 29.3194, 29.6517, 47.3581.



This preview shows how white text looks on a background with the XYZ color 29.3194, 29.6517,

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

29.3194, 29.6517, 47.3581

Protanopia

29.6564, 29.8254, 47.3738

Deuteranopia

30.2177, 29.6571, 47.3118



Tritanopia

27.5813, 29.6556, 38.4528

Trichromacy



Original Color

29.3194, 29.6517, 47.3581

Protanomaly

29.4872, 29.7382, 47.3659

Deuteranomaly

29.8448, 29.6927, 47.3383

Tritanomaly

28.2254, 29.6778, 41.7769

Monochromacy



Original Color

29.3194, 29.6517, 47.3581

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6121, 29.7376, 37.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3194, 29.6517, 47.3581 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(139, 147, 180)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 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(139, 147, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 180) }
```

Border

The CSS property to change the border of an element to XYZ 29.3194, 29.6517, 47.3581 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(139, 147, 180) }
```


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

```
.border{ border-color:rgb(139, 147, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 180);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3194, 29.6517, 47.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 180) }
```

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

```
.background{ background-color: rgb(139,  
147, 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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