

Converting Colors

XYZ(28.3012, 28.7105, 47.2918)

Have a look what the booklet for
XYZ(28.3012, 28.7105, 47.2918)
contains.

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Color

**XYZ(28.1951, 28.6144,
47.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	8691B4
RGB	134, 145, 180
RGB Percent	53%, 57%, 71%
CMY	0.4745, 0.4314, 0.2941
CMYK	0.26, 0.19, 0.00, 0.29
HSL	226°, 23%, 62%
HSV	226°, 26%, 71%
XYZ	28.1951, 28.6144, 47.2171
YIQ	145.7010, -17.7910, 8.5530

Conversions

Conversions Part 2

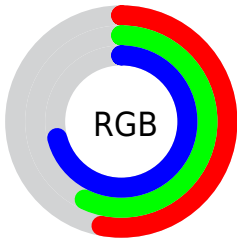
Format	Color
RYB	134, 143, 180
Decimal	8819124
CIELab	60.44, 3.98, -19.59
CIElCh	60, 19.991, 281.489
Yxy	28.6144, 0.2710, 0.2751
Android (android.graphics.Color)	4287009204 (0xFF8691B4)
YUV	145.7010, 16.9094, -10.2618
Hunter-Lab	53.4924, 0.4731, -14.8898

Details

The XYZ color **28.1951, 28.6144, 47.2171** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.3138, 39.8006, 28.2706**, and the grayscale version is **27.1382, 28.5515, 31.0926**.

A 20% lighter version of the original color is **56.3028, 57.5943, 87.5062**, and **11.4903, 11.5557, 21.7035** is the 20% darker color. If you saturate the color by 10%, you get **23.5987, 23.3239, 46.4387**, and if you desaturate by 10%, it is **33.5339, 34.6635, 48.1038**.

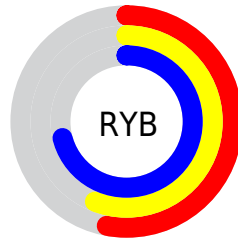
Distribution



Red (53%)

Green (57%)

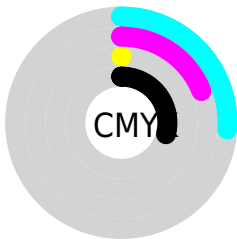
Blue (71%)



Red (53%)

Yellow (56%)

Blue (71%)

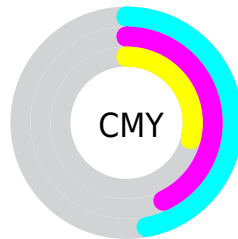


Cyan (26%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1951, 28.6144, 47.2171 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 28.1951, 28.6144, 47.2171 by changing the saturation by 10% instead.

■ 28.1951, 28.6144,
47.2171

■ 28.1951, 28.6144,
47.2171

285.4612,
295.3912, 392.0993

■ 18.6140, 18.7893,
32.8517

■ 56.2022, 57.4639,
87.3910

■ 11.4940, 11.5181,
21.7427

■ 75.3590, 77.2571,
114.0366

■ 6.4699, 6.4165,
13.4715

■ 98.4383, 101.1417,
145.6126

■ 3.1762, 3.0999,
7.6195

125.8056,
129.5023, 182.5377

■ 1.2476, 1.1841,
3.7682

157.8262,
162.7231, 225.2304

■ 0.1435, 0.0487,
1.4990

194.8654,

■ 0.0000, 0.0000,

201.1886, 274.1092

0.2172

237.2886,
245.2832, 329.5926

■ 0.0000, 0.0000,
0.0000

■ 28.1951, 28.6144,
47.2171

■ 28.1951, 28.6144,
47.2171

■ 23.5987, 23.3239,
46.4387

■ 33.5339, 34.6635,
48.1038

■ 19.7084, 18.7579,
45.7624

■ 39.6439, 41.4967,
49.1007

■ 16.4887, 14.8849,
45.1845

■ 46.5555, 49.1422,
50.2121

■ 13.9000, 11.6694,
44.7003

■ 54.2968, 57.6260,
51.4417

■ 11.8980, 9.0726,
44.3046

■ 62.8945, 66.9729,
52.7927

■ 10.4325, 7.0514,
43.9917

■ 72.3739, 77.2066,
54.2683

■ 9.4425, 5.5550,
43.7550

■ 80.8950, 87.3887,
55.7846

■ 9.1040, 5.0266,
43.6709

■ 85.0996, 95.7980,
57.1861

■ 85.2383, 96.0753,
57.2323

Harmonies

Analogous

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



25.6555, 28.6144, 46.6266



28.1951, 28.6144, 47.2171



30.6102, 28.6144, 43.0287

Triad

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



28.1951, 28.6144, 47.2171



31.0765, 28.6144, 22.6762



22.7678, 28.6144, 26.8683

Complementary

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



28.1951, 28.6144, 47.2171



37.3138, 39.8006, 28.2706

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.



24.0477, 28.6144, 21.6971



28.1951, 28.6144, 47.2171



28.7993, 28.6144, 19.5532

Square

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



28.1951, 28.6144, 47.2171



32.3425, 28.6144, 28.4168



26.2230, 28.6144, 19.2256



22.6287, 28.6144, 34.0662

Rectangle

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



28.1951, 28.6144, 47.2171



31.7832, 28.6144, 38.4253



26.2230, 28.6144, 19.2256



23.0749, 28.6144, 24.8670

Sweetspot

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



28.1960, 28.6155, 47.2178



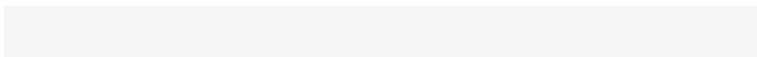
68.8843, 71.9032, 88.5427



33.2680, 40.5572, 43.3660



14.5237, 15.1338, 19.0779



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.



28.1960, 28.6155, 47.2178



45.9860, 45.9906, 84.7480



28.5294, 26.4115, 46.7748



8.2015, 8.5493, 10.7242



6.3987, 3.5977, 30.4942



0.2471, 0.2048, 0.9747

Inverse Universe

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



32.4590, 28.7986, 30.6372



55.1909, 46.6559, 48.8862



36.8800, 42.7441, 28.8617



8.5769, 8.5375, 9.2705



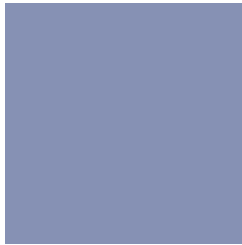
13.4644, 6.9033, 2.3396



0.4468, 0.2264, 0.1953

Previews

White Background



This preview shows how the XYZ color 28.1951, 28.6144, 47.2171 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 28.1951, 28.6144, 47.2171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

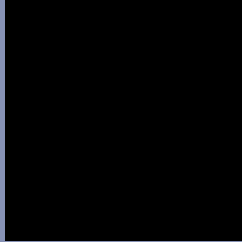
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

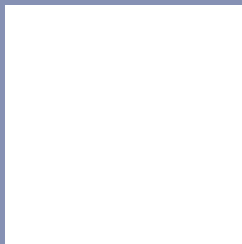
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1951, 28.6144, 47.2171

Background



This preview shows how black text looks on a background with the XYZ color 28.1951, 28.6144, 47.2171.



This preview shows how white text looks on a background with the XYZ color 28.1951, 28.6144,

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

28.1951, 28.6144, 47.2171

Protanopia

28.4265, 28.5196, 46.6544

Deuteranopia

29.3183, 28.7319, 47.7166



Tritanopia

26.1410, 28.4637, 37.3740

Trichromacy



Original Color

28.1951, 28.6144, 47.2171

Protanomaly

28.2633, 28.4354, 46.6468

Deuteranomaly

28.9612, 28.7717, 47.7431

Tritanomaly

26.7688, 28.4828, 40.6461

Monochromacy



Original Color

28.1951, 28.6144, 47.2171

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6058, 28.7772, 36.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1951, 28.6144, 47.2171 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(134, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 145, 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(134, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 145, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.1951, 28.6144, 47.2171 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(134, 145, 180) }
```


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

```
.border{ border-color:rgb(134, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 145,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1951, 28.6144, 47.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 145, 180) }
```

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

```
.background{ background-color: rgb(134,  
145, 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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