

Converting Colors

XYZ(28.2226, 29.4467, 48.0492)

Have a look what the booklet for
XYZ(28.2226, 29.4467, 48.0492)
contains.

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Color

**XYZ(28.2939, 29.5769,
47.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	8295B5
RGB	130, 149, 181
RGB Percent	51%, 58%, 71%
CMY	0.4902, 0.4157, 0.2902
CMYK	0.28, 0.18, 0.00, 0.29
HSL	218°, 26%, 61%
HSV	218°, 28%, 71%
XYZ	28.2939, 29.5769, 47.9337
YIQ	146.9670, -21.5960, 5.9240

Conversions

Conversions Part 2

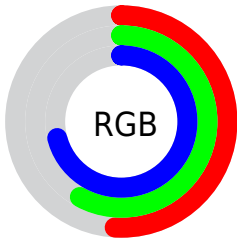
Format	Color
RYB	130, 144, 181
Decimal	8558005
CIELab	61.29, 0.72, -18.89
CIELCh	61, 18.904, 272.174
Yxy	29.5769, 0.2674, 0.2795
Android (android.graphics.Color)	4286748085 (0xFF8295B5)
YUV	146.9670, 16.7783, -14.8801
Hunter-Lab	54.3846, -2.3076, -14.1879

Details

The XYZ color **28.2939, 29.5769, 47.9337** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.0062, 37.2766, 26.4175**, and the grayscale version is **27.6595, 29.1000, 31.6899**.

A 20% lighter version of the original color is **56.4092, 59.0166, 88.5390**, and **11.4884, 11.9561, 22.1243** is the 20% darker color. If you saturate the color by 10%, you get **24.0481, 24.8502, 47.2456**, and if you desaturate by 10%, it is **33.2052, 34.9082, 48.7044**.

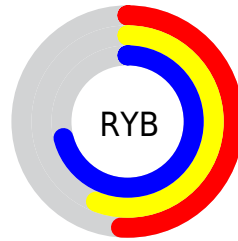
Distribution



Red (51%)

Green (58%)

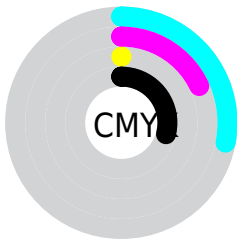
Blue (71%)



Red (51%)

Yellow (56%)

Blue (71%)

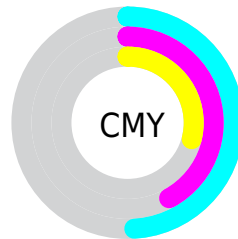


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2939, 29.5769, 47.9337 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 28.2939, 29.5769, 47.9337 by changing the saturation by 10% instead.

■ 28.2939, 29.5769,
47.9337

■ 28.2939, 29.5769,
47.9337

285.9233,
299.9273, 395.0304

■ 18.6889, 19.5177,
33.4148

■ 56.3587, 58.9924,
88.4702

■ 11.5484, 12.0449,
22.1707

■ 75.5492, 79.1175,
115.3249

■ 6.5070, 6.7743,
13.7828

■ 98.6656, 103.3667,
147.1285

■ 3.1993, 3.3213,
7.8328

126.0732,
132.1243, 184.2997

■ 1.2600, 1.3017,
3.9019

158.1375,
165.7747, 227.2569

■ 0.1530, 0.1425,
1.5717

195.2237,

■ 0.0000, 0.0000,

204.7025, 276.4187

0.2705

237.6971,
249.2919, 332.2037

■ 0.0000, 0.0000,
0.0000

■ 28.2939, 29.5769,
47.9337

■ 28.2939, 29.5769,
47.9337

■ 24.0481, 24.8502,
47.2456

■ 33.2052, 34.9082,
48.7044

■ 20.4344, 20.7014,
46.6353

■ 38.8076, 40.8623,
49.5584

■ 17.4206, 17.1067,
46.1003

■ 45.1290, 47.4611,
50.4989

■ 14.9702, 14.0394,
45.6374

■ 52.1945, 54.7241,
51.5284

■ 13.0426, 11.4698,
45.2430

■ 60.0282, 62.6702,
52.6493

■ 11.5907, 9.3646,
44.9132

■ 68.6531, 71.3174,
53.8638

■ 10.5413, 7.6763,
44.6426

■ 77.4616, 80.3583,
55.1446

■ 10.3737, 7.4024,
44.5986

■ 80.6983, 86.8317,
56.2235

■ 84.1443, 93.7236,
57.3721

Harmonies

Analogous

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



25.9367, 29.5769, 45.9097



28.2939, 29.5769, 47.9337



30.7381, 29.5769, 45.2543

Triad

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



28.2939, 29.5769, 47.9337



32.3604, 29.5769, 25.4433



24.0884, 29.5769, 26.2208

Complementary

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



28.2939, 29.5769, 47.9337



36.0062, 37.2766, 26.4175

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.



25.6398, 29.5769, 21.9403



28.2939, 29.5769, 47.9337



30.4056, 29.5769, 21.5402

Square

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



28.2939, 29.5769, 47.9337



33.1706, 29.5769, 31.6871



27.9308, 29.5769, 20.3579



23.5957, 29.5769, 32.7270

Rectangle

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



28.2939, 29.5769, 47.9337



32.0641, 29.5769, 41.3621



27.9308, 29.5769, 20.3579



24.4987, 29.5769, 24.5089

Sweetspot

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



28.2948, 29.5781, 47.9344



69.5477, 73.2299, 88.7638



32.2033, 40.3833, 40.0249



14.6909, 15.4683, 19.1336



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.



28.2948, 29.5781, 47.9344



45.6794, 47.4386, 85.0436



26.4692, 24.5325, 47.0567



8.2927, 8.7316, 10.7546



7.2130, 5.2264, 30.7656



0.2840, 0.2786, 0.9870

Inverse Universe

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



32.4643, 27.9599, 32.1207



54.5329, 44.4662, 51.3606



38.2442, 43.7798, 27.5548



8.6229, 8.5559, 9.5128



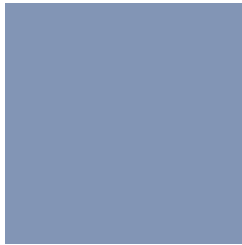
13.8754, 7.0677, 4.5041



0.4654, 0.2339, 0.2934

Previews

White Background



This preview shows how the XYZ color 28.2939, 29.5769, 47.9337 looks on a white background.

Color Contrast Check

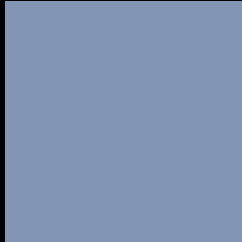
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2939, 29.5769, 47.9337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

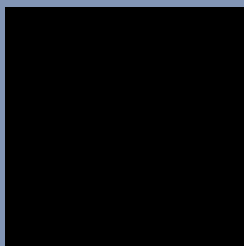
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2939, 29.5769, 47.9337

Background



This preview shows how black text looks on a background with the XYZ color 28.2939, 29.5769, 47.9337.



This preview shows how white text looks on a background with the XYZ color 28.2939, 29.5769,

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

28.2939, 29.5769, 47.9337

Protanopia

29.2308, 29.3879, 46.7796

Deuteranopia

30.2460, 29.6479, 48.3845



Tritanopia

26.5333, 29.5724, 39.4316

Trichromacy



Original Color

28.2939, 29.5769, 47.9337

Protanomaly

28.8253, 29.3970, 47.3349

Deuteranomaly

29.5376, 29.5106, 48.3953

Tritanomaly

27.0747, 29.5475, 42.3065

Monochromacy



Original Color

28.2939, 29.5769, 47.9337

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8324, 29.3457, 36.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2939, 29.5769, 47.9337 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(130, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(130, 149, 181)  
}
```

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(130, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 149, 181) }
```

Border

The CSS property to change the border of an element to XYZ 28.2939, 29.5769, 47.9337 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(130, 149, 181) }
```


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

```
.border{ border-color:rgb(130, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(130, 149,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2939, 29.5769, 47.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 149, 181) }
```

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

```
.background{ background-color: rgb(130,  
149, 181) }
```

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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