

Converting Colors

XYZ(28.5787, 30.9538, 52.8271)

Have a look what the booklet for
XYZ(28.5787, 30.9538, 52.8271)
contains.

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Color

**XYZ(28.6524, 31.1099,
52.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	789BBD
RGB	120, 155, 189
RGB Percent	47%, 61%, 74%
CMY	0.5294, 0.3921, 0.2588
CMYK	0.37, 0.18, 0.00, 0.26
HSL	210°, 34%, 61%
HSV	210°, 37%, 74%
XYZ	28.6524, 31.1099, 52.6388
YIQ	148.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

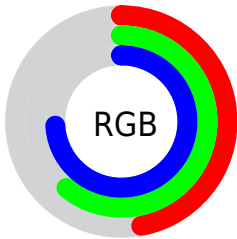
Format	Color
R _{YB}	120, 143, 189
Decimal	7904189
CIE Lab	62.60, -3.54, -21.45
CIE LCh	63, 21.740, 260.635
Yxy	31.1099, 0.2549, 0.2768
Android (android.graphics.Color)	4286094269 (0xFF789BBD)
YUV	148.4110, 20.0104, -24.9164
Hunter-Lab	55.7762, -5.9125, -16.9115

Details

The XYZ color **28.6524, 31.1099, 52.6388** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.9327, 35.2867, 22.6874**, and the grayscale version is **28.2493, 29.7204, 32.3655**.

A 20% lighter version of the original color is **56.7375, 61.1922, 95.2071**, and **11.7781, 12.9071, 25.1631** is the 20% darker color. If you saturate the color by 10%, you get **24.7949, 26.9091, 52.0318**, and if you desaturate by 10%, it is **33.1488, 35.8189, 53.3113**.

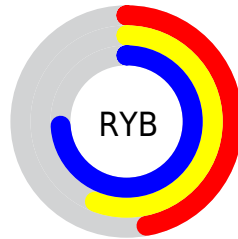
Distribution



Red (47%)

Green (61%)

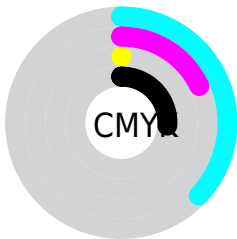
Blue (74%)



Red (47%)

Yellow (56%)

Blue (74%)

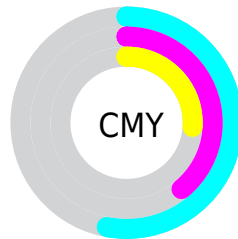


Cyan (37%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6524, 31.1099, 52.6388 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 28.6524, 31.1099, 52.6388 by changing the saturation by 10% instead.

■ 28.6524, 31.1099,
52.6388

■ 28.6524, 31.1099,
52.6388

287.5952,
307.0443, 413.9247

■ 18.9610, 20.6825,
37.1288

■ 56.9258, 61.4131,
95.5088

■ 11.7459, 12.8922,
25.0106

■ 76.2384, 82.0577,
123.7059

■ 6.6419, 7.3543,
15.8659

■ 99.4888, 106.8768,
156.9690

■ 3.2835, 3.6847,
9.2760

127.0424,
136.2548, 195.7167

■ 1.3054, 1.4988,
4.8224

159.2645,
170.5762, 240.3676

■ 0.1873, 0.2879,
2.0865

196.5204,

■ 0.0000, 0.0000,

210.2253, 291.3402

0.6077

239.1755,
255.5866, 349.0531

■ 0.0000, 0.0000,
0.0000

■ 28.6524, 31.1099,
52.6388

■ 28.6524, 31.1099,
52.6388

■ 24.7949, 26.9091,
52.0318

■ 33.1488, 35.8189,
53.3113

■ 21.5401, 23.1919,
51.4859

■ 38.3117, 41.0521,
54.0493

■ 18.8524, 19.9363,
50.9991

■ 44.1708, 46.8293,
54.8556

■ 16.6907, 17.1170,
50.5689

■ 50.7529, 53.1679,
55.7321

■ 15.0078, 14.7052,
50.1921

■ 58.0833, 60.0844,
56.6808

■ 13.7418, 12.6643,
49.8649

■ 66.1861, 67.5948,
57.7034

■ 13.3567, 12.0166,
49.7602

■ 75.0843, 75.7141,
58.8016

■ 78.5849, 81.2531,
59.6862

■ 81.2388, 86.5610,
60.5709

Harmonies

Analogous

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



26.1036, 31.1099, 48.1049



28.6524, 31.1099, 52.6388



31.6208, 31.1099, 51.5349

Triad

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



28.6524, 31.1099, 52.6388



35.2224, 31.1099, 28.4469



25.3829, 31.1099, 24.5499

Complementary

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



28.6524, 31.1099, 52.6388



35.9327, 35.2867, 22.6874

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.



27.6080, 31.1099, 20.7928



28.6524, 31.1099, 52.6388



33.3283, 31.1099, 22.7683

Square

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



28.6524, 31.1099, 52.6388



35.5486, 31.1099, 36.5960



30.5050, 31.1099, 20.2001



24.3007, 31.1099, 31.2893

Rectangle

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



28.6524, 31.1099, 52.6388



33.4331, 31.1099, 47.8120



30.5050, 31.1099, 20.2001



26.0147, 31.1099, 22.9470

Sweetspot

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



28.6534, 31.1111, 52.6395



74.0510, 78.9159, 97.5556



31.7229, 42.7005, 36.8597



15.6203, 16.6705, 20.9370



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.6534, 31.1111, 52.6395



45.5714, 49.4852, 93.3759



23.7876, 21.3794, 51.0176



9.4057, 10.0038, 12.1074



9.0633, 8.2384, 33.5054



0.4204, 0.4534, 1.3342

Inverse Universe

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



33.6200, 26.6193, 34.3777



56.0287, 41.0865, 54.6875



42.3283, 48.0779, 24.8193



9.7266, 9.6150, 10.9495



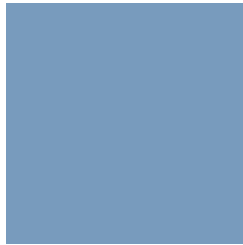
15.5755, 7.8614, 8.3242



0.6431, 0.3211, 0.4998

Previews

White Background



This preview shows how the XYZ color 28.6524, 31.1099, 52.6388 looks on a white background.

Color Contrast Check

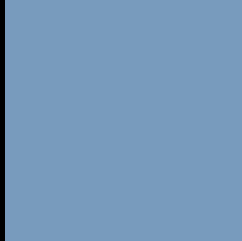
Large Text (above 18pt) WCAG AA × Fail

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 28.6524, 31.1099, 52.6388 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

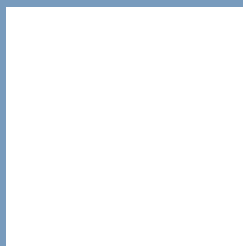
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6524, 31.1099, 52.6388

Background



This preview shows how black text looks on a background with the XYZ color 28.6524, 31.1099, 52.6388.

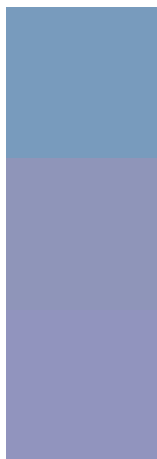


This preview shows how white text looks on a background with the XYZ color 28.6524, 31.1099,

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

28.6524, 31.1099, 52.6388

Protanopia

30.8321, 30.8373, 50.2261

Deuteranopia

31.5612, 30.9173, 53.0194



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

28.6524, 31.1099, 52.6388

Protanomaly

29.9212, 30.8293, 50.8280

Deuteranomaly

30.5142, 31.0852, 53.1070

Tritanomaly

27.4290, 31.1102, 46.6787

Monochromacy



Original Color

28.6524, 31.1099, 52.6388

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1587, 30.1808, 38.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6524, 31.1099, 52.6388 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(120, 155, 189)` looks like.

```
.text, #text, p{  
    color:rgb(120, 155, 189)  
}
```

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(120, 155, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 155, 189) }
```

Border

The CSS property to change the border of an element to XYZ 28.6524, 31.1099, 52.6388 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(120, 155, 189) }
```


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

```
.border{ border-color:rgb(120, 155, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 155, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 155, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 155, 189);  
box-shadow:4px 4px 4px 4px rgb(120, 155,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6524, 31.1099, 52.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 155, 189) }
```

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

```
.background{ background-color: rgb(120,  
155, 189) }
```

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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