

Converting Colors

XYZ(28.8524, 31.5227, 49.9112)

Have a look what the booklet for
XYZ(28.8524, 31.5227, 49.9112)
contains.

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Color

**XYZ(28.8524, 31.5227,
49.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9CB8
RGB	124, 156, 184
RGB Percent	49%, 61%, 72%
CMY	0.5137, 0.3882, 0.2784
CMYK	0.33, 0.15, 0.00, 0.28
HSL	208°, 30%, 60%
HSV	208°, 33%, 72%
XYZ	28.8524, 31.5227, 49.9112
YIQ	149.6240, -28.0600, 1.9240

Conversions

Conversions Part 2

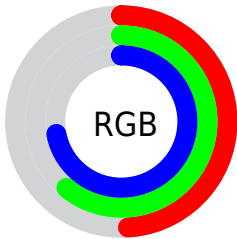
Format	Color
RYB	124, 145, 184
Decimal	8166584
CIELab	62.95, -4.25, -18.09
CIElCh	63, 18.587, 256.778
Yxy	31.5227, 0.2616, 0.2858
Android (android.graphics.Color)	4286356664 (0xFF7C9CB8)
YUV	149.6240, 16.9474, -22.4722
Hunter-Lab	56.1451, -6.5245, -13.4054

Details

The XYZ color **28.8524, 31.5227, 49.9112** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.6341, 34.1026, 23.8268**, and the grayscale version is **28.7701, 30.2684, 32.9623**.

A 20% lighter version of the original color is **57.1349, 61.8494, 91.3649**, and **11.8960, 13.1583, 23.3856** is the 20% darker color. If you saturate the color by 10%, you get **25.0472, 27.4978, 49.3354**, and if you desaturate by 10%, it is **33.2576, 36.0096, 50.5456**.

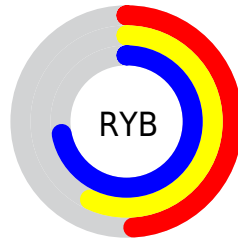
Distribution



Red (49%)

Green (61%)

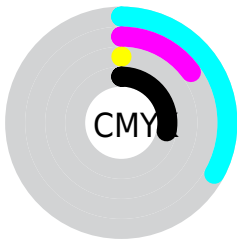
Blue (72%)



Red (49%)

Yellow (57%)

Blue (72%)

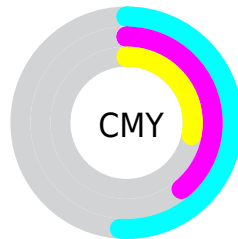


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8524, 31.5227, 49.9112 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 28.8524, 31.5227, 49.9112 by changing the saturation by 10% instead.

■ 28.8524, 31.5227,
49.9112

■ 28.8524, 31.5227,
49.9112

288.5247,
308.9392, 403.0437

■ 19.1129, 20.9972,
34.9722

■ 57.2417, 62.0621,
91.4382

■ 11.8564, 13.1220,
23.3580

■ 76.6222, 82.8447,
118.8633

■ 6.7175, 7.5126,
14.6503

■ 99.9471, 107.8153,
151.2875

■ 3.3308, 3.7847,
8.4305

127.5817,
137.3580, 189.1293

■ 1.3310, 1.5539,
4.2799

159.8914,
171.8574, 232.8073

■ 0.2062, 0.3262,
1.7801

197.2416,

■ 0.0000, 0.0000,

211.6978, 282.7400

0.4148

239.9976,
257.2636, 339.3459

■ 0.0000, 0.0000,
0.0000

■ 28.8524, 31.5227,
49.9112

■ 28.8524, 31.5227,
49.9112

■ 25.0472, 27.4978,
49.3354

■ 33.2576, 36.0096,
50.5456

■ 21.8093, 23.9128,
48.8141

■ 38.2874, 40.9719,
51.2383

■ 19.1072, 20.7489,
48.3458

■ 43.9685, 46.4272,
51.9919

■ 16.9047, 17.9842,
47.9283

■ 50.3252, 52.3907,
52.8079

■ 15.1606, 15.5939,
47.5588

■ 57.3802, 58.8771,
53.6881

■ 13.8260, 13.5494,
47.2345

■ 65.1555, 65.9002,
54.6339

■ 13.0323, 12.2217,
47.0201

■ 73.6719, 73.4735,
55.6468

■ 76.7344, 78.4060,
56.4375

■ 79.1103, 83.1576,
57.2294

Harmonies

Analogous

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



26.7233, 31.5227, 45.6225



28.8524, 31.5227, 49.9112



31.4011, 31.5227, 49.6219

Triad

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



28.8524, 31.5227, 49.9112



34.9121, 31.5227, 30.4219



26.5242, 31.5227, 25.5661

Complementary

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



28.8524, 31.5227, 49.9112



34.6341, 34.1026, 23.8268

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.



28.5664, 31.5227, 22.5440



28.8524, 31.5227, 49.9112



33.4510, 31.5227, 25.0624

Square

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



28.8524, 31.5227, 49.9112



34.9995, 31.5227, 37.6404



31.0984, 31.5227, 22.3738



25.4315, 31.5227, 31.2062

Rectangle

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



28.8524, 31.5227, 49.9112



32.9980, 31.5227, 46.8617



31.0984, 31.5227, 22.3738



27.1170, 31.5227, 24.2476

Sweetspot

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



28.8534, 31.5239, 49.9119



71.8080, 76.6015, 93.2055



31.0394, 40.8011, 35.5185



15.1825, 16.2253, 20.0532



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.8534, 31.5239, 49.9119



47.3334, 51.9186, 89.7312



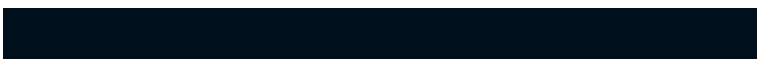
24.5542, 22.9255, 48.4789



8.9070, 9.4912, 11.4420



9.0531, 8.5659, 32.4293



0.3805, 0.4246, 1.1637

Inverse Universe

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



32.9764, 27.0069, 34.9286



56.1183, 43.0865, 57.6288



39.9298, 44.6940, 25.5920



9.1994, 9.0901, 10.3975



15.1833, 7.6471, 8.8518



0.5662, 0.2820, 0.4750

Previews

White Background



This preview shows how the XYZ color 28.8524, 31.5227, 49.9112 looks on a white background.

Color Contrast Check

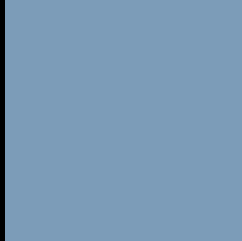
Large Text (above 18pt) WCAG AA × Fail

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 28.8524, 31.5227, 49.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

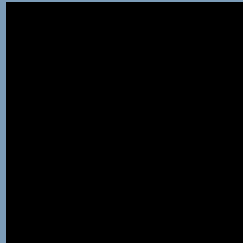
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

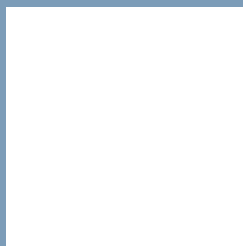
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8524, 31.5227, 49.9112

Background



This preview shows how black text looks on a background with the XYZ color 28.8524, 31.5227, 49.9112.



This preview shows how white text looks on a background with the XYZ color 28.8524, 31.5227,

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

28.8524, 31.5227, 49.9112

Protanopia

31.1589, 31.5395, 47.6255

Deuteranopia

32.1880, 31.5241, 50.8426



Tritanopia

27.4627, 31.4589, 43.1528

Trichromacy



Original Color

28.8524, 31.5227, 49.9112

Protanomaly

30.2130, 31.5219, 48.2080

Deuteranomaly

30.9697, 31.6220, 50.3703

Tritanomaly

27.9195, 31.3861, 45.6609

Monochromacy



Original Color

28.8524, 31.5227, 49.9112

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7343, 30.7278, 38.5990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8524, 31.5227, 49.9112 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(124, 156, 184)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 184)  
}
```

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(124, 156, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 184) }
```

Border

The CSS property to change the border of an element to XYZ 28.8524, 31.5227, 49.9112 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(124, 156, 184) }
```


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

```
.border{ border-color:rgb(124, 156, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 156, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 184);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8524, 31.5227, 49.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 184) }
```

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

```
.background{ background-color: rgb(124,  
156, 184) }
```

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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