

Converting Colors

XYZ(28.1247, 29.1769, 56.7134)

Have a look what the booklet for
XYZ(28.1247, 29.1769, 56.7134)
contains.

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Color

**XYZ(28.1392, 29.0626,
56.9499)**

Conversions

Conversions Part 1

Format	Color
Hex	7694C5
RGB	118, 148, 197
RGB Percent	46%, 58%, 77%
CMY	0.5372, 0.4196, 0.2274
CMYK	0.40, 0.25, 0.00, 0.23
HSL	217°, 41%, 62%
HSV	217°, 40%, 77%
XYZ	28.1392, 29.0626, 56.9499
YIQ	144.6160, -33.6090, 8.8790

Conversions

Conversions Part 2

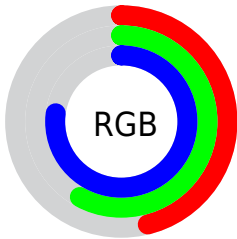
Format	Color
R_{YB}	118, 140, 197
Decimal	7771333
CIE _{Lab}	60.84, 2.05, -28.66
CIE _{LCh}	61, 28.737, 274.090
Yxy	29.0626, 0.2465, 0.2546
Android (android.graphics.Color)	4285961413 (0xFF7694C5)
YUV	144.6160, 25.8253, -23.3422
Hunter-Lab	53.9097, -1.1706, -24.8968

Details

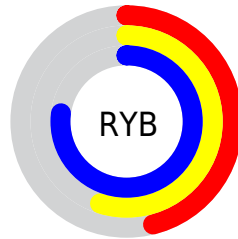
The XYZ color **28.1392, 29.0626, 56.9499** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.1155, 40.8167, 22.9048**, and the grayscale version is **26.6673, 28.0561, 30.5531**.

A 20% lighter version of the original color is **56.2435, 58.2811, 102.0509**, and **11.5056, 11.8424, 27.6660** is the 20% darker color. If you saturate the color by 10%, you get **23.9217, 24.1923, 56.2326**, and if you desaturate by 10%, it is **33.1197, 34.6278, 57.7621**.

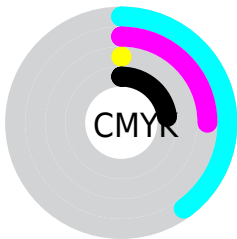
Distribution



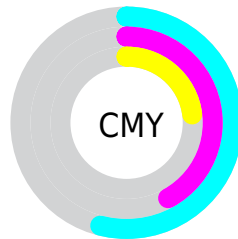
- Red (46%)
- Green (58%)
- Blue (77%)



- Red (46%)
- Yellow (55%)
- Blue (77%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)



- Cyan (54%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1392, 29.0626, 56.9499 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 28.1392, 29.0626, 56.9499 by changing the saturation by 10% instead.

■ 28.1392, 29.0626,
56.9499

■ 28.1392, 29.0626,
56.9499

285.1995,
297.5102, 430.7500

■ 18.5716, 19.1282,
40.5559

■ 56.1137, 58.1765,
101.8917

■ 11.4633, 11.7629,
27.6552

■ 75.2513, 78.1248,
131.2766

■ 6.4490, 6.5825,
17.8291

■ 98.3096, 102.1799,
165.8289

■ 3.1632, 3.2024,
10.6592

125.6540,
130.7261, 205.9671

■ 1.2406, 1.2383,
5.7269

157.6499,
164.1478, 252.1098

■ 0.1381, 0.0926,
2.6136

194.6625,

■ 0.0000, 0.0000,

202.8295, 304.6755

0.8995

237.0572,
247.1555, 364.0827

■ 0.0000, 0.0000,
0.0000

■ 28.1392, 29.0626,
56.9499

■ 28.1392, 29.0626,
56.9499

■ 23.9217, 24.1923,
56.2326

■ 33.1197, 34.6278,
57.7621

■ 20.4229, 19.9830,
55.6046

■ 38.8983, 40.9131,
58.6707

■ 17.5983, 16.4025,
55.0624

■ 45.5112, 47.9463,
59.6798

■ 15.3964, 13.4142,
54.6016

■ 52.9916, 55.7526,
60.7923

■ 13.7573, 10.9762,
54.2174

■ 61.3707, 64.3561,
62.0113

■ 12.5814, 9.0377,
53.9052

■ 70.6783, 73.7795,
63.3396

■ 80.6090, 83.8730,
64.7644

■ 84.1995, 91.0539,
65.9612

■ 87.0782, 96.8113,
66.9208

Harmonies

Analogous

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



24.5988, 29.0626, 54.0167



28.1392, 29.0626, 56.9499



31.8526, 29.0626, 51.9458

Triad

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



28.1392, 29.0626, 56.9499



34.0162, 29.0626, 21.4483



21.6470, 29.0626, 23.4719

Complementary

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



28.1392, 29.0626, 56.9499



40.1155, 40.8167, 22.9048

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.



23.7857, 29.0626, 17.4702



28.1392, 29.0626, 56.9499



30.8857, 29.0626, 16.5002

Square

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



28.1392, 29.0626, 56.9499



35.4340, 29.0626, 30.1980



27.1134, 29.0626, 15.2274



21.0537, 29.0626, 33.1360

Rectangle

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



28.1392, 29.0626, 56.9499



33.8659, 29.0626, 45.3242



27.1134, 29.0626, 15.2274



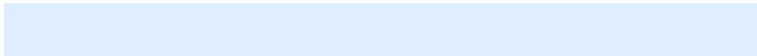
22.1989, 29.0626, 21.0376

Sweetspot

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



28.1402, 29.0637, 56.9506



78.9159, 83.1338, 106.4949



34.3872, 46.5644, 43.5984



16.5453, 17.4278, 22.7418



0.0000, 0.0000, 0.0000



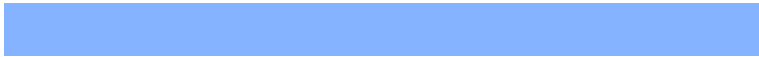
20.3446, 21.4041, 23.3091

Same Dimension

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



28.1402, 29.0637, 56.9506



43.7962, 44.4467, 100.8785



25.3422, 21.5179, 55.6416



10.3813, 10.9366, 13.4813



8.3500, 6.0940, 35.4805



0.4650, 0.4278, 1.7032

Inverse Universe

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



34.8506, 26.9664, 31.3863



57.7177, 41.1837, 47.5980



43.9227, 51.9050, 24.8444



10.7977, 10.7025, 11.9181



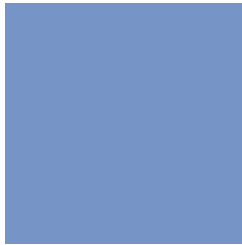
16.0140, 8.1552, 5.2839



0.7934, 0.4002, 0.4353

Previews

White Background



This preview shows how the XYZ color 28.1392, 29.0626, 56.9499 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 28.1392, 29.0626, 56.9499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

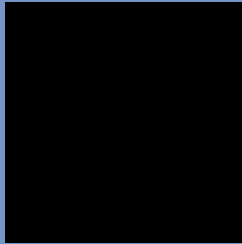
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

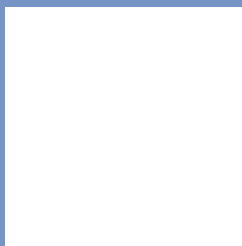
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1392, 29.0626, 56.9499

Background



This preview shows how black text looks on a background with the XYZ color 28.1392, 29.0626, 56.9499.



This preview shows how white text looks on a background with the XYZ color 28.1392, 29.0626,

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

28.1392, 29.0626, 56.9499

Protanopia

29.5359, 29.1324, 55.1053

Deuteranopia

29.6820, 28.9293, 57.4456



Tritanopia

24.8689, 29.1794, 40.3978

Trichromacy



Original Color

28.1392, 29.0626, 56.9499

Protanomaly

29.0313, 29.0871, 55.7140

Deuteranomaly

29.0708, 28.8400, 57.4606

Tritanomaly

25.9741, 29.1415, 45.8509

Monochromacy



Original Color

28.1392, 29.0626, 56.9499

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9714, 28.3890, 39.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1392, 29.0626, 56.9499 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(118, 148, 197)` looks like.

```
.text, #text, p{  
    color:rgb(118, 148, 197)  
}
```

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(118, 148, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 148, 197) }
```

Border

The CSS property to change the border of an element to XYZ 28.1392, 29.0626, 56.9499 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(118, 148, 197) }
```


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

```
.border{ border-color:rgb(118, 148, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 148, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 148, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 148, 197);  
box-shadow:4px 4px 4px 4px rgb(118, 148,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1392, 29.0626, 56.9499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 148, 197) }
```

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

```
.background{ background-color: rgb(118,  
148, 197) }
```

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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