

Converting Colors

XYZ(28.5917, 30.0896, 53.9720)

Have a look what the booklet for
XYZ(28.5917, 30.0896, 53.9720)
contains.

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Color

**XYZ(28.6071, 30.0766,
54.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	7A97C0
RGB	122, 151, 192
RGB Percent	48%, 59%, 75%
CMY	0.5216, 0.4078, 0.2471
CMYK	0.36, 0.21, 0.00, 0.25
HSL	215°, 36%, 62%
HSV	215°, 36%, 75%
XYZ	28.6071, 30.0766, 54.1668
YIQ	147.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

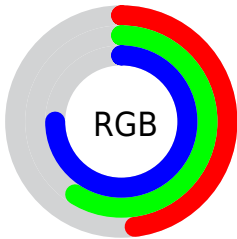
Format	Color
RYB	122, 143, 192
Decimal	8034240
CIELab	61.72, 0.08, -24.47
CIElCh	62, 24.472, 270.185
Yxy	30.0766, 0.2535, 0.2665
Android (android.graphics.Color)	4286224320 (0xFF7A97C0)
YUV	147.0030, 22.1835, -21.9276
Hunter-Lab	54.8421, -2.8634, -20.1704

Details

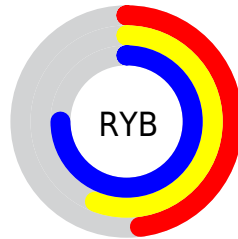
The XYZ color **28.6071, 30.0766, 54.1668** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.3489, 38.8066, 23.8826**, and the grayscale version is **27.6555, 29.0957, 31.6852**.

A 20% lighter version of the original color is **56.8347, 59.7323, 98.1565**, and **11.6704, 12.2514, 25.7944** is the 20% darker color. If you saturate the color by 10%, you get **24.4281, 25.3631, 53.4778**, and if you desaturate by 10%, it is **33.4978, 35.4147, 54.9399**.

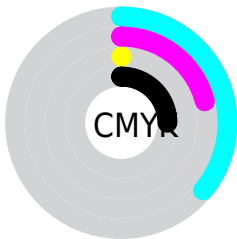
Distribution



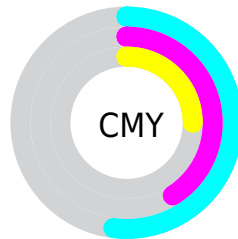
- Red (48%)
- Green (59%)
- Blue (75%)



- Red (48%)
- Yellow (56%)
- Blue (75%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6071, 30.0766, 54.1668 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 28.6071, 30.0766, 54.1668 by changing the saturation by 10% instead.

■ 28.6071, 30.0766,
54.1668

■ 28.6071, 30.0766,
54.1668

287.3844,
302.2613, 419.9383

■ 18.9266, 19.8967,
38.3409

■ 56.8542, 59.7833,
97.7780

■ 11.7209, 12.3200,
25.9435

■ 76.1514, 80.0789,
126.4004

■ 6.6248, 6.9620,
16.5560

■ 99.3849, 104.5152,
160.1254

■ 3.2728, 3.4383,
9.7599

126.9201,
133.4767, 199.3715

■ 1.2996, 1.3646,
5.1365

159.1223,
167.3476, 244.5574

■ 0.1829, 0.1904,
2.2674

196.3568,

■ 0.0000, 0.0000,

206.5124, 296.1014

0.7129

238.9891,
251.3555, 354.4222

■ 0.0000, 0.0000,
0.0000

■ 28.6071, 30.0766,
54.1668

■ 28.6071, 30.0766,
54.1668

■ 24.4281, 25.3631,
53.4778

■ 33.4978, 35.4147,
54.9399

■ 20.9213, 21.2445,
52.8677

■ 39.1310, 41.3980,
55.7979

■ 18.0475, 17.6940,
52.3338

■ 45.5393, 48.0507,
56.7443

■ 15.7618, 14.6806,
51.8726

■ 52.7522, 55.3943,
57.7815

■ 14.0126, 12.1694,
51.4801

■ 60.7978, 63.4494,
58.9123

■ 12.7336, 10.1175,
51.1515

■ 69.7028, 72.2357,
60.1389

■ 12.3500, 9.4767,
51.0480

■ 78.9740, 81.5048,
61.4394

■ 82.2002, 87.9572,
62.5147

■ 85.6319, 94.8206,
63.6586

Harmonies

Analogous

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



25.5837, 30.0766, 50.9127



28.6071, 30.0766, 54.1668



31.8540, 30.0766, 50.8351

Triad

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



28.6071, 30.0766, 54.1668



34.3516, 30.0766, 24.5301



23.4885, 30.0766, 24.6128

Complementary

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



28.6071, 30.0766, 54.1668



38.3489, 38.8066, 23.8826

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.



25.5512, 30.0766, 19.5584



28.6071, 30.0766, 54.1668



31.8164, 30.0766, 19.5174

Square

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



28.6071, 30.0766, 54.1668



35.3206, 30.0766, 32.6905



28.5667, 30.0766, 17.8833



22.7685, 30.0766, 32.8062

Rectangle

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



28.6071, 30.0766, 54.1668



33.6742, 30.0766, 45.6329



28.5667, 30.0766, 17.8833



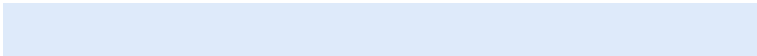
24.0397, 30.0766, 22.5507

Sweetspot

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



28.6081, 30.0778, 54.1675



76.8557, 81.2220, 101.9870



33.4724, 44.4759, 41.3935



16.1497, 17.0732, 21.8296



92.9021, 97.7402, 106.4391



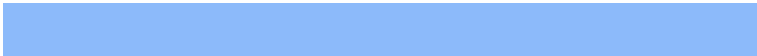
19.4759, 20.4902, 22.3138

Same Dimension

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



28.6081, 30.0778, 54.1675



45.4988, 47.3732, 97.1062



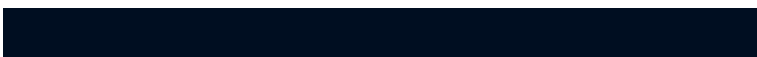
25.3519, 22.3022, 52.8383



9.8634, 10.4182, 12.7759



8.3831, 6.5227, 34.3738



0.4301, 0.4176, 1.5078

Inverse Universe

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



34.2845, 27.3609, 32.7536



57.5681, 42.5692, 51.3577



42.6534, 49.5650, 25.7323



10.2424, 10.1456, 11.3668



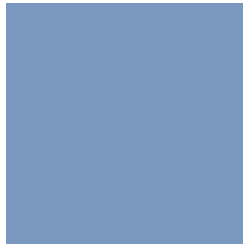
15.6274, 7.9407, 5.9498



0.7095, 0.3568, 0.4375

Previews

White Background



This preview shows how the XYZ color 28.6071, 30.0766, 54.1668 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 28.6071, 30.0766, 54.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

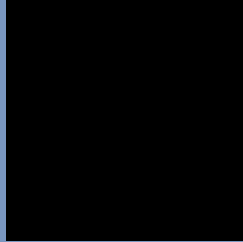
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

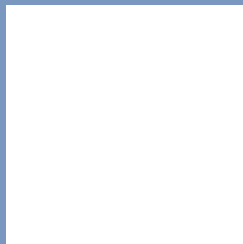
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6071, 30.0766, 54.1668

Background



This preview shows how black text looks on a background with the XYZ color 28.6071, 30.0766, 54.1668.



This preview shows how white text looks on a background with the XYZ color 28.6071, 30.0766,

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

28.6071, 30.0766, 54.1668

Protanopia

30.1003, 29.9448, 52.3376

Deuteranopia

30.5520, 29.8970, 54.6125



Tritanopia

25.9917, 29.9828, 41.4631

Trichromacy



Original Color

28.6071, 30.0766, 54.1668

Protanomaly

29.3999, 29.8030, 52.9182

Deuteranomaly

29.8884, 30.0166, 54.6706

Tritanomaly

26.9626, 30.1371, 45.9909

Monochromacy



Original Color

28.6071, 30.0766, 54.1668

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6820, 29.2274, 38.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6071, 30.0766, 54.1668 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(122, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 192)  
}
```

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(122, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 192) }
```

Border

The CSS property to change the border of an element to XYZ 28.6071, 30.0766, 54.1668 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(122, 151, 192) }
```


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

```
.border{ border-color:rgb(122, 151, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6071, 30.0766, 54.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 151, 192) }
```

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

```
.background{ background-color: rgb(122,  
151, 192) }
```

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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