

Converting Colors

XYZ(28.2284, 29.6620, 54.8037)

Have a look what the booklet for
XYZ(28.2284, 29.6620, 54.8037)
contains.

XYZ(28.1397, 29.5849, 54.6794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1397, 29.5849,
54.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	7796C1
RGB	119, 150, 193
RGB Percent	47%, 59%, 76%
CMY	0.5333, 0.4118, 0.2431
CMYK	0.38, 0.22, 0.00, 0.24
HSL	215°, 37%, 61%
HSV	215°, 38%, 76%
XYZ	28.1397, 29.5849, 54.6794
YIQ	145.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

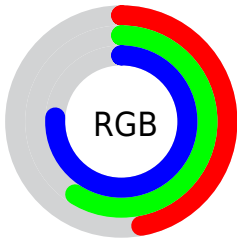
Format	Color
RYB	119, 141, 193
Decimal	7837377
CIELab	61.29, 0.08, -25.70
CIElCh	61, 25.705, 270.177
Yxy	29.5849, 0.2503, 0.2632
Android (android.graphics.Color)	4286027457 (0xFF7796C1)
YUV	145.6330, 23.3519, -23.3571
Hunter-Lab	54.3920, -2.8390, -21.5289

Details

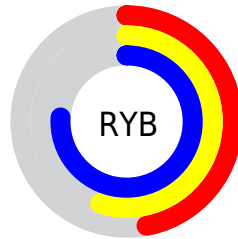
The XYZ color **28.1397, 29.5849, 54.6794** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.2430, 38.5105, 22.8713**, and the grayscale version is **27.0893, 28.5001, 31.0366**.

A 20% lighter version of the original color is **56.0818, 58.9721, 98.8694**, and **11.4368, 11.9811, 26.1359** is the 20% darker color. If you saturate the color by 10%, you get **24.0504, 24.9466, 54.0002**, and if you desaturate by 10%, it is **32.9401, 34.8453, 55.4423**.

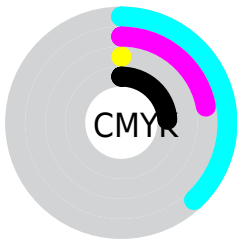
Distribution



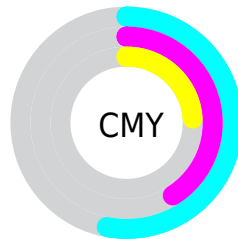
- Red (47%)
- Green (59%)
- Blue (76%)



- Red (47%)
- Yellow (55%)
- Blue (76%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1397, 29.5849, 54.6794 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 28.1397, 29.5849, 54.6794 by changing the saturation by 10% instead.

■ 28.1397, 29.5849,
54.6794

■ 28.1397, 29.5849,
54.6794

285.2018,
299.9648, 421.9431

■ 18.5720, 19.5237,
38.7482

■ 56.1145, 59.0051,
98.5375

■ 11.4636, 12.0493,
26.2576

■ 75.2523, 79.1329,
127.3015

■ 6.4491, 6.7773,
16.7890

■ 98.3108, 103.3851,
161.1802

■ 3.1633, 3.3232,
9.9238

125.6554,
132.1460, 200.5922

■ 1.2407, 1.3027,
5.2435

157.6515,
165.8000, 245.9559

■ 0.1381, 0.1433,
2.3296

194.6643,

■ 0.0000, 0.0000,

204.7315, 297.6899

0.7477

237.0593,
249.3250, 356.2128

■ 0.0000, 0.0000,
0.0000

■ 28.1397, 29.5849,
54.6794

■ 28.1397, 29.5849,
54.6794

■ 24.0504, 24.9466,
54.0002

■ 32.9401, 34.8453,
55.4423

■ 20.6318, 20.9006,
53.3994

■ 38.4833, 40.7491,
56.2897

■ 17.8434, 17.4193,
52.8744

■ 44.8024, 47.3205,
57.2250

■ 15.6388, 14.4709,
52.4215

■ 51.9277, 54.5816,
58.2510

■ 13.9642, 12.0195,
52.0366

■ 59.8878, 62.5531,
59.3701

■ 12.7373, 10.0139,
51.7141

■ 68.7098, 71.2549,
60.5848

■ 12.5573, 9.7134,
51.6656

■ 78.4194, 80.7062,
61.8973

■ 81.9436, 87.2660,
62.9777

■ 85.3427, 94.0642,
64.1108

Harmonies

Analogous

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



25.0053, 29.5849, 51.2415



28.1397, 29.5849, 54.6794



31.5198, 29.5849, 51.1630

Triad

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



28.1397, 29.5849, 54.6794



34.1297, 29.5849, 23.7221



22.8425, 29.5849, 23.8037

Complementary

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



28.1397, 29.5849, 54.6794



38.2430, 38.5105, 22.8713

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.



24.9731, 29.5849, 18.6366



28.1397, 29.5849, 54.6794



31.4822, 29.5849, 18.5966

Square

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



28.1397, 29.5849, 54.6794



35.1432, 29.5849, 32.1553



28.0994, 29.5849, 16.9371



22.1003, 29.5849, 32.2706

Rectangle

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



28.1397, 29.5849, 54.6794



33.4204, 29.5849, 45.6856



28.0994, 29.5849, 16.9371



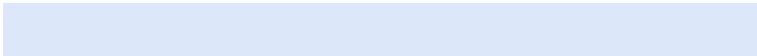
23.4111, 29.5849, 21.6894

Sweetspot

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



28.1407, 29.5860, 54.6801



75.7187, 80.0787, 101.8262



33.1056, 44.6334, 40.5585



15.9233, 16.8462, 21.7977



92.9021, 97.7402, 106.4391



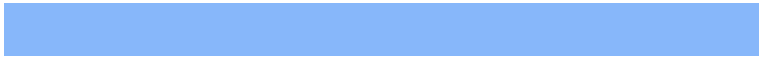
19.4759, 20.4902, 22.3138

Same Dimension

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



28.1407, 29.5860, 54.6801



44.1775, 45.9520, 96.9015



24.5258, 21.3250, 53.2761



9.8673, 10.4259, 12.7772



8.4273, 6.6111, 34.3885



0.4321, 0.4217, 1.5085

Inverse Universe

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



34.0950, 26.7340, 32.2185



56.6030, 41.0416, 49.7948



43.1558, 50.1723, 24.8633



10.2443, 10.1463, 11.3771



15.6497, 7.9496, 6.0673



0.7105, 0.3572, 0.4430

Previews

White Background



This preview shows how the XYZ color 28.1397, 29.5849, 54.6794 looks on a white background.

Color Contrast Check

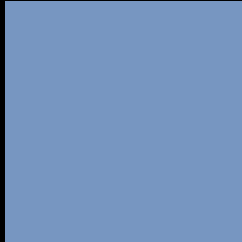
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1397, 29.5849, 54.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

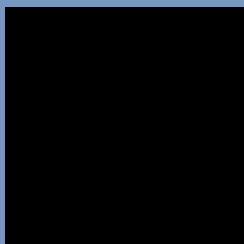
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1397, 29.5849, 54.6794

Background



This preview shows how black text looks on a background with the XYZ color 28.1397, 29.5849, 54.6794.



This preview shows how white text looks on a background with the XYZ color 28.1397, 29.5849,

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

28.1397, 29.5849, 54.6794

Protanopia

29.7265, 29.5097, 52.8444

Deuteranopia

30.1795, 29.4642, 55.1355



Tritanopia

25.3785, 29.6775, 40.9499

Trichromacy



Original Color

28.1397, 29.5849, 54.6794

Protanomaly

29.0436, 29.3749, 53.4294

Deuteranomaly

29.3772, 29.5083, 55.1863

Tritanomaly

26.2979, 29.5619, 45.3943

Monochromacy



Original Color

28.1397, 29.5849, 54.6794

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1979, 28.7460, 38.7654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1397, 29.5849, 54.6794 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(119, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(119, 150, 193)  
}
```

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(119, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 150, 193) }
```

Border

The CSS property to change the border of an element to XYZ 28.1397, 29.5849, 54.6794 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(119, 150, 193) }
```


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

```
.border{ border-color:rgb(119, 150, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(119, 150,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1397, 29.5849, 54.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 150, 193) }
```

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

```
.background{ background-color: rgb(119,  
150, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor