

Converting Colors

XYZ(27.4850, 29.0402, 53.6059)

Have a look what the booklet for
XYZ(27.4850, 29.0402, 53.6059)
contains.

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Color

**XYZ(27.4875, 29.0384,
53.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	7595BF
RGB	117, 149, 191
RGB Percent	46%, 58%, 75%
CMY	0.5412, 0.4157, 0.2510
CMYK	0.39, 0.22, 0.00, 0.25
HSL	214°, 37%, 60%
HSV	214°, 39%, 75%
XYZ	27.4875, 29.0384, 53.4464
YIQ	144.2200, -32.5540, 6.2780

Conversions

Conversions Part 2

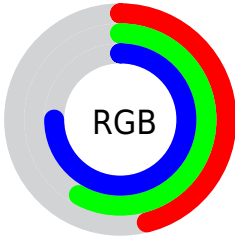
Format	Color
RYB	117, 139, 191
Decimal	7706047
CIELab	60.82, -0.45, -25.33
CIElCh	61, 25.330, 268.980
Yxy	29.0384, 0.2499, 0.2641
Android (android.graphics.Color)	4285896127 (0xFF7595BF)
YUV	144.2200, 23.0625, -23.8719
Hunter-Lab	53.8873, -3.2513, -21.0838

Details

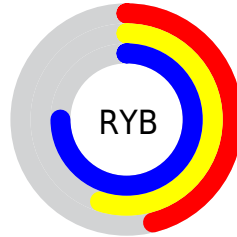
The XYZ color **27.4875, 29.0384, 53.4464** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.0954, 37.1575, 22.0475**, and the grayscale version is **26.5180, 27.8990, 30.3820**.

A 20% lighter version of the original color is **54.9390, 58.0852, 96.3117**, and **11.0630, 11.6653, 25.3355** is the 20% darker color. If you saturate the color by 10%, you get **23.5424, 24.5765, 52.7936**, and if you desaturate by 10%, it is **32.1178, 34.0918, 54.1783**.

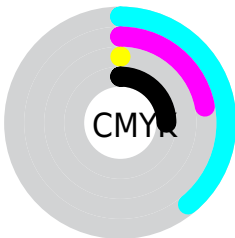
Distribution



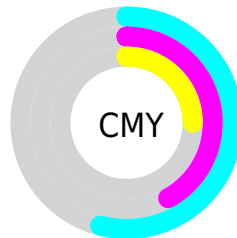
- Red (46%)
- Green (58%)
- Blue (75%)



- Red (46%)
- Yellow (55%)
- Blue (75%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4875, 29.0384, 53.4464 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 27.4875, 29.0384, 53.4464 by changing the saturation by 10% instead.

■ 27.4875, 29.0384,
53.4464

■ 27.4875, 29.0384,
53.4464

282.1345,
297.3961, 417.1102

■ 18.0782, 19.1099,
37.7691

■ 55.0795, 58.1381,
96.7091

■ 11.1061, 11.7497,
25.5031

■ 73.9930, 78.0780,
125.1316

■ 6.2061, 6.5735,
16.2298

■ 96.8051, 102.1239,
158.6395

■ 3.0126, 3.1968,
9.5308

123.8814,
130.6601, 197.6515

■ 1.1605, 1.2353,
4.9875

155.5871,
164.0711, 242.5860

■ 0.0748, 0.0903,
2.1813

192.2876,

■ 0.0000, 0.0000,

202.7411, 293.8616

0.6636

234.3483,
247.0546, 351.8968

■ 0.0000, 0.0000,
0.0000

■ 27.4875, 29.0384,
53.4464

■ 27.4875, 29.0384,
53.4464

■ 23.5424, 24.5765,
52.7936

■ 32.1178, 34.0918,
54.1783

■ 20.2432, 20.6775,
52.2149

■ 37.4638, 39.7567,
54.9900

■ 17.5507, 17.3152,
51.7078

■ 43.5579, 46.0564,
55.8847

■ 15.4199, 14.4592,
51.2689

■ 50.4291, 53.0116,
56.8651

■ 13.7984, 12.0752,
50.8942

■ 58.1051, 60.6422,
57.9333

■ 12.6014, 10.1116,
50.5783

■ 66.6122, 68.9671,
59.0918

■ 12.4666, 9.8866,
50.5419

■ 75.9752, 78.0044,
60.3427

■ 80.5606, 84.8548,
61.4233

■ 83.7723, 91.2782,
62.4939

Harmonies

Analogous

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



24.4627, 29.0384, 49.8525



27.4875, 29.0384, 53.4464



30.7844, 29.0384, 50.2914

Triad

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



27.4875, 29.0384, 53.4464



33.5206, 29.0384, 23.6176



22.5197, 29.0384, 23.1600

Complementary

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



27.4875, 29.0384, 53.4464



37.0954, 37.1575, 22.0475

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.



24.6434, 29.0384, 18.2549



27.4875, 29.0384, 53.4464



30.9950, 29.0384, 18.4798

Square

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



27.4875, 29.0384, 53.4464



34.4305, 29.0384, 31.9420



27.7131, 29.0384, 16.7267



21.7387, 29.0384, 31.2960

Rectangle

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



27.4875, 29.0384, 53.4464



32.6606, 29.0384, 45.0819



27.7131, 29.0384, 16.7267



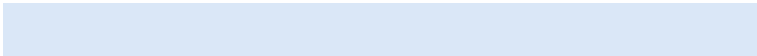
23.0914, 29.0384, 21.1432

Sweetspot

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



27.4885, 29.0395, 53.4471



74.0940, 78.4658, 99.5194



32.2199, 43.5450, 39.4782



15.9502, 16.9000, 21.8067



92.9021, 97.7402, 106.4391



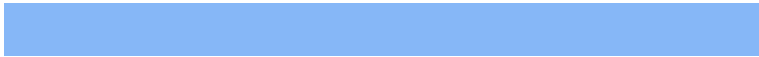
19.4759, 20.4902, 22.3138

Same Dimension

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



27.4885, 29.0395, 53.4471



43.4922, 45.5433, 94.7776



23.7827, 20.6178, 52.0168



9.3467, 9.8857, 12.0877



8.2697, 6.6511, 33.2408



0.3890, 0.3907, 1.3238

Inverse Universe

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



33.2727, 25.9697, 31.6939



55.4706, 40.1786, 49.5075



42.1082, 48.9940, 24.0680



9.6968, 9.6030, 10.7926



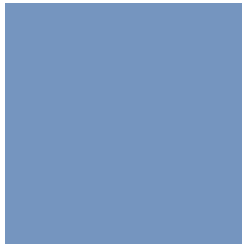
15.1749, 7.7011, 6.2148



0.6273, 0.3148, 0.4164

Previews

White Background



This preview shows how the XYZ color 27.4875, 29.0384, 53.4464 looks on a white background.

Color Contrast Check

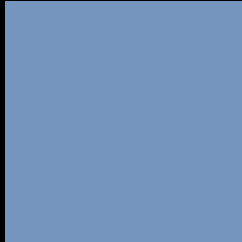
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4875, 29.0384, 53.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

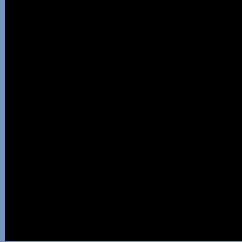
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

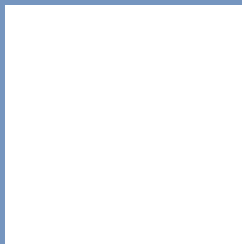
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4875, 29.0384, 53.4464

Background



This preview shows how black text looks on a background with the XYZ color 27.4875, 29.0384, 53.4464.



This preview shows how white text looks on a background with the XYZ color 27.4875, 29.0384,

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

27.4875, 29.0384, 53.4464

Protanopia

29.1942, 29.0325, 51.6421

Deuteranopia

29.6410, 28.9865, 53.9019



Tritanopia

24.9941, 29.2439, 40.4037

Trichromacy



Original Color

27.4875, 29.0384, 53.4464

Protanomaly

28.3663, 28.8211, 52.2121

Deuteranomaly

28.8466, 29.0307, 53.9523

Tritanomaly

25.7762, 29.0623, 44.8085

Monochromacy



Original Color

27.4875, 29.0384, 53.4464

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5434, 28.1993, 37.7622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4875, 29.0384, 53.4464 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(117, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(117, 149, 191)  
}
```

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(117, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 149, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.4875, 29.0384, 53.4464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

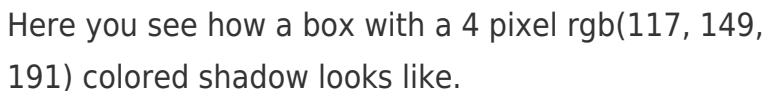
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 149, 191) }
```


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

```
.border{ border-color:rgb(117, 149, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(117, 149,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4875, 29.0384, 53.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 149, 191) }
```

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

```
.background{ background-color: rgb(117,  
149, 191) }
```

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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