

Converting Colors

XYZ(25.6571, 27.6163, 53.8474)

Have a look what the booklet for
XYZ(25.6571, 27.6163, 53.8474)
contains.

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Color

**XYZ(25.6571, 27.6163,
53.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	6893C0
RGB	104, 147, 192
RGB Percent	41%, 58%, 75%
CMY	0.5921, 0.4235, 0.2471
CMYK	0.46, 0.23, 0.00, 0.25
HSL	211°, 41%, 58%
HSV	211°, 46%, 75%
XYZ	25.6571, 27.6163, 53.8474
YIQ	139.2730, -40.0730, 4.8790

Conversions

Conversions Part 2

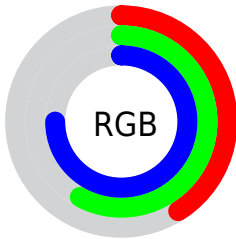
Format	Color
RYB	104, 133, 192
Decimal	6853568
CIELab	59.54, -2.46, -27.92
CIELCh	60, 28.027, 264.957
Yxy	27.6163, 0.2395, 0.2578
Android (android.graphics.Color)	4285043648 (0xFF6893C0)
YUV	139.2730, 25.9944, -30.9344
Hunter-Lab	52.5512, -4.8155, -23.9666

Details

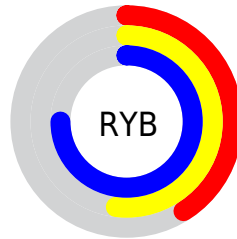
The XYZ color **25.6571, 27.6163, 53.8474** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.9852, 33.7018, 17.7590**, and the grayscale version is **24.5606, 25.8397, 28.1394**.

A 20% lighter version of the original color is **52.2836, 55.9838, 97.6728**, and **10.1288, 11.0373, 25.6413** is the 20% darker color. If you saturate the color by 10%, you get **22.2149, 23.6717, 53.2679**, and if you desaturate by 10%, it is **29.7388, 32.0852, 54.4954**.

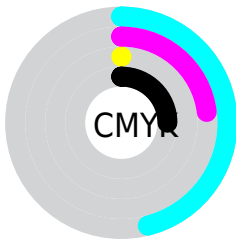
Distribution



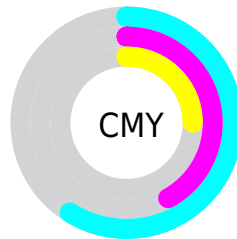
- Red (41%)
- Green (58%)
- Blue (75%)



- Red (41%)
- Yellow (52%)
- Blue (75%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (59%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6571, 27.6163, 53.8474 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 25.6571, 27.6163, 53.8474 by changing the saturation by 10% instead.

■ 25.6571, 27.6163,
53.8474

■ 25.6571, 27.6163,
53.8474

273.3824,
290.6289, 418.6860

■ 16.6986, 18.0366,
38.0873

■ 52.1565, 55.8713,
97.3043

■ 10.1138, 10.9763,
25.7481

■ 70.4281, 75.3153,
125.8382

■ 5.5373, 6.0509,
16.4112

■ 92.5349, 98.8163,
159.4671

■ 2.6038, 2.8760,
9.6581

■ 118.8420,
126.7586, 198.6096

■ 0.9479, 1.0674,
5.0702

149.7150,
159.5266, 243.6842

■ 0.0000, 0.0000,
2.2291

185.5192,

■ 0.0000, 0.0000,

197.5048, 295.1094

0.6911

226.6199,
241.0774, 353.3038

■ 0.0000, 0.0000,
0.0000

■ 25.6571, 27.6163,
53.8474

■ 25.6571, 27.6163,
53.8474

■ 22.2149, 23.6717,
53.2679

■ 29.7388, 32.0852,
54.4954

■ 19.3714, 20.2238,
52.7523

■ 34.4920, 37.0978,
55.2124

■ 17.0848, 17.2467,
52.2982

■ 39.9497, 42.6761,
56.0014

■ 15.3060, 14.7098,
51.9023

■ 46.1418, 48.8399,
56.8648

■ 13.9741, 12.5762,
51.5606

■ 53.0962, 55.6079,
57.8046

■ 13.5011, 11.7790,
51.4317

■ 60.8397, 62.9978,
58.8229

■ 69.3973, 71.0267,
59.9216

■ 77.8282, 79.2132,
61.0574

■ 80.5679, 84.6926,
61.9706

Harmonies

Analogous

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



22.5457, 27.6163, 48.9268



25.6571, 27.6163, 53.8474



29.2135, 27.6163, 51.3258

Triad

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



25.6571, 27.6163, 53.8474



32.8857, 27.6163, 22.6001



21.0810, 27.6163, 20.2437

Complementary

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



25.6571, 27.6163, 53.8474



34.9852, 33.7018, 17.7590

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.



23.4912, 27.6163, 15.6803



25.6571, 27.6163, 53.8474



30.3359, 27.6163, 16.8121

Square

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



25.6571, 27.6163, 53.8474



33.5958, 27.6163, 31.8084



26.8488, 27.6163, 14.5815



20.0590, 27.6163, 28.3950

Rectangle

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



25.6571, 27.6163, 53.8474



31.3348, 27.6163, 46.0041



26.8488, 27.6163, 14.5815



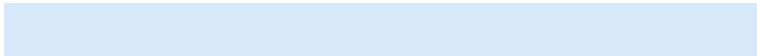
21.7446, 27.6163, 18.3184

Sweetspot

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



25.6580, 27.6173, 53.8481



74.0980, 79.0484, 101.7128



29.9047, 42.7812, 34.6995



15.4008, 16.4595, 21.7506



92.9021, 97.7402, 106.4391



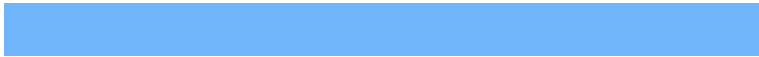
19.4759, 20.4902, 22.3138

Same Dimension

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



25.6580, 27.6173, 53.8481



40.2235, 42.8580, 96.5127



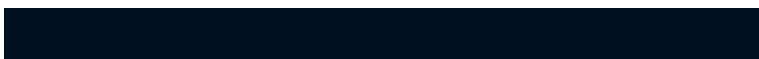
20.1746, 16.6506, 52.0203



9.9255, 10.5423, 12.7966



9.1622, 8.0809, 34.6335



0.4649, 0.4871, 1.5194

Inverse Universe

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



31.9558, 23.2147, 30.4014



53.4321, 35.2742, 46.9674



43.0872, 49.9058, 20.4596



10.2737, 10.1581, 11.5318



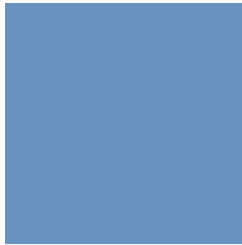
16.0206, 8.0980, 8.0206



0.7270, 0.3638, 0.5299

Previews

White Background



This preview shows how the XYZ color 25.6571, 27.6163, 53.8474 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 25.6571, 27.6163, 53.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

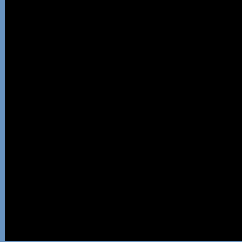
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6571, 27.6163, 53.8474

Background



This preview shows how black text looks on a background with the XYZ color 25.6571, 27.6163, 53.8474.

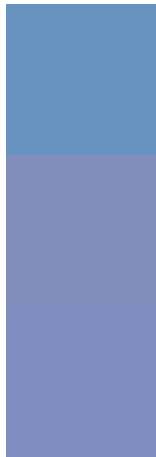


This preview shows how white text looks on a background with the XYZ color 25.6571, 27.6163,

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

25.6571, 27.6163, 53.8474

Protanopia

27.8079, 27.4264, 51.4051

Deuteranopia

28.0526, 27.4892, 54.2795



Tritanopia

22.7529, 27.6236, 39.2546

Trichromacy



Original Color

25.6571, 27.6163, 53.8474

Protanomaly

26.8929, 27.3840, 52.0123

Deuteranomaly

27.0558, 27.4171, 54.3181

Tritanomaly

23.6919, 27.5213, 44.1079

Monochromacy



Original Color

25.6571, 27.6163, 53.8474

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4487, 26.2502, 36.1260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6571, 27.6163, 53.8474 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(104, 147, 192)` looks like.

```
.text, #text, p{  
    color:rgb(104, 147, 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(104, 147, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 147, 192) }
```

Border

The CSS property to change the border of an element to XYZ 25.6571, 27.6163, 53.8474 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(104, 147, 192) }
```


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

```
.border{ border-color:rgb(104, 147, 192) }
```

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

Here you see how a box with a 4 pixel rgb(104, 147, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 147, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 147, 192);  
box-shadow:4px 4px 4px 4px rgb(104, 147,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6571, 27.6163, 53.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 147, 192) }
```

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

```
.background{ background-color: rgb(104,  
147, 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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