

Converting Colors

XYZ(25.6121, 27.5522, 47.1387)

Have a look what the booklet for
XYZ(25.6121, 27.5522, 47.1387)
contains.

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Color

**XYZ(25.5873, 27.4979,
47.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	7392B4
RGB	115, 146, 180
RGB Percent	45%, 57%, 71%
CMY	0.5490, 0.4274, 0.2941
CMYK	0.36, 0.19, 0.00, 0.29
HSL	211°, 30%, 58%
HSV	211°, 36%, 71%
XYZ	25.5873, 27.4979, 47.1390
YIQ	140.6070, -29.3900, 4.0020

Conversions

Conversions Part 2

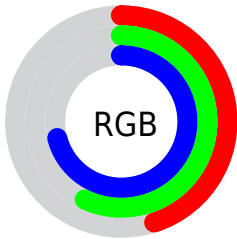
Format	Color
R_{YB}	115, 136, 180
Decimal	7574196
CIE _{Lab}	59.43, -2.29, -21.24
CIE _{LCh}	59, 21.367, 263.844
Yxy	27.4979, 0.2553, 0.2744
Android (android.graphics.Color)	4285764276 (0xFF7392B4)
YUV	140.6070, 19.4207, -22.4573
Hunter-Lab	52.4384, -4.6683, -16.5912

Details

The XYZ color **25.5873, 27.4979, 47.1390** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.6648, 32.4363, 20.7596**, and the grayscale version is **25.0991, 26.4063, 28.7564**.

A 20% lighter version of the original color is **52.1568, 55.7997, 87.3783**, and **10.1280, 10.9880, 21.6658** is the 20% darker color. If you saturate the color by 10%, you get **22.0555, 23.6112, 46.5754**, and if you desaturate by 10%, it is **29.7026, 31.8641, 47.7653**.

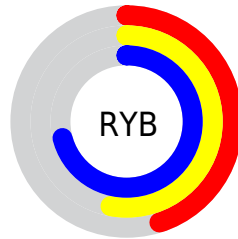
Distribution



Red (45%)

Green (57%)

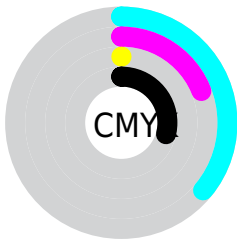
Blue (71%)



Red (45%)

Yellow (53%)

Blue (71%)

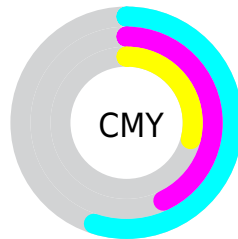


Cyan (36%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5873, 27.4979, 47.1390 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 25.5873, 27.4979, 47.1390 by changing the saturation by 10% instead.

■ 25.5873, 27.4979,
47.1390

■ 25.5873, 27.4979,
47.1390

273.0442,
290.0598, 391.7789

■ 16.6462, 17.9475,
32.7904

■ 52.0445, 55.6818,
87.2732

■ 10.0763, 10.9123,
21.6961

■ 70.2913, 75.0841,
113.8959

■ 5.5122, 6.0079,
13.4376

■ 92.3707, 98.5392,
145.4471

■ 2.5886, 2.8499,
7.5963

118.6480,
126.4314, 182.3453

■ 0.9402, 1.0539,
3.7537

149.4887,
159.1452, 225.0090

■ 0.0000, 0.0000,
1.4912

185.2581,

■ 0.0000, 0.0000,

197.0650, 273.8569

0.2114

226.3215,
240.5750, 329.3073

■ 0.0000, 0.0000,
0.0000

■ 25.5873, 27.4979,
47.1390

■ 25.5873, 27.4979,
47.1390

■ 22.0555, 23.6112,
46.5754

■ 29.7026, 31.8641,
47.7653

■ 19.0746, 20.1810,
46.0704

■ 34.4263, 36.7250,
48.4546

■ 16.6128, 17.1873,
45.6223

■ 39.7851, 42.0987,
49.2094

■ 14.6334, 14.6064,
45.2285

■ 45.8032, 48.0017,
50.0316

■ 13.0942, 12.4119,
44.8861

■ 52.5033, 54.4495,
50.9230

■ 11.9411, 10.5708,
44.5915

■ 59.9072, 61.4568,
51.8854

■ 11.5541, 9.9269,
44.4876

■ 68.0357, 69.0380,
52.9203

■ 75.4203, 76.4394,
53.9597

■ 77.9812, 81.5611,
54.8133

Harmonies

Analogous

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



23.2123, 27.4979, 43.5056



25.5873, 27.4979, 47.1390



28.2747, 27.4979, 45.5674

Triad

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



25.5873, 27.4979, 47.1390



31.1377, 27.4979, 24.3626



22.1925, 27.4979, 22.0510

Complementary

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



25.5873, 27.4979, 47.1390



32.6648, 32.4363, 20.7596

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.



24.1078, 27.4979, 18.3700



25.5873, 27.4979, 47.1390



29.2952, 27.4979, 19.5364

Square

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



25.5873, 27.4979, 47.1390



31.6008, 27.4979, 31.5509



26.6923, 27.4979, 17.5350



21.3405, 27.4979, 28.3859

Rectangle

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



25.5873, 27.4979, 47.1390



29.8701, 27.4979, 41.8942



26.6923, 27.4979, 17.5350



22.7267, 27.4979, 20.5090

Sweetspot

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



25.5882, 27.4990, 47.1396



67.0573, 71.2671, 88.5162



28.7837, 38.4446, 34.1638



14.2171, 15.1257, 19.0925



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5882, 27.4990, 47.1396



41.4190, 44.4088, 84.6833



21.5832, 19.2763, 45.7636



8.3651, 8.8765, 10.7788



8.1305, 7.0613, 31.0714



0.3144, 0.3393, 0.9972

Inverse Universe

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



30.1421, 24.0409, 30.2470



51.0422, 37.9382, 48.7990



37.9874, 43.4546, 22.6059



8.6595, 8.5705, 9.7053



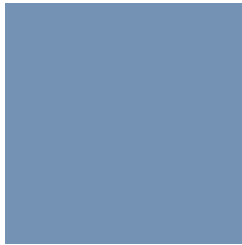
14.3385, 7.2530, 6.9427



0.4807, 0.2400, 0.3740

Previews

White Background



This preview shows how the XYZ color 25.5873, 27.4979, 47.1390 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 25.5873, 27.4979, 47.1390 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

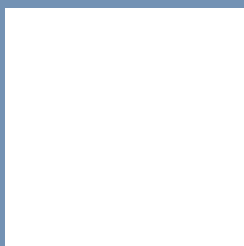
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5873, 27.4979, 47.1390

Background



This preview shows how black text looks on a background with the XYZ color 25.5873, 27.4979, 47.1390.

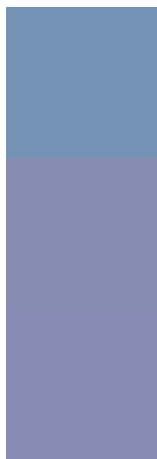


This preview shows how white text looks on a background with the XYZ color 25.5873, 27.4979,

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

25.5873, 27.4979, 47.1390

Protanopia

27.2922, 27.2924, 45.4245

Deuteranopia

27.8719, 27.3266, 47.5216



Tritanopia

23.6109, 27.3831, 37.7593

Trichromacy



Original Color

25.5873, 27.4979, 47.1390

Protanomaly

26.6107, 27.3713, 46.0001

Deuteranomaly

26.9156, 27.2714, 47.5614

Tritanomaly

24.3399, 27.4517, 41.0616

Monochromacy



Original Color

25.5873, 27.4979, 47.1390

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2546, 26.9170, 34.8748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5873, 27.4979, 47.1390 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(115, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(115, 146, 180)  
}
```

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(115, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 146, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.5873, 27.4979, 47.1390 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(115, 146, 180) }
```


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

```
.border{ border-color:rgb(115, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(115, 146,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5873, 27.4979, 47.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 146, 180) }
```

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

```
.background{ background-color: rgb(115,  
146, 180) }
```

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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