

Converting Colors

XYZ(25.5980, 25.6157, 42.6249)

Have a look what the booklet for
XYZ(25.5980, 25.6157, 42.6249)
contains.

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Color

**XYZ(25.5980, 25.6157,
42.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	8289AC
RGB	130, 137, 172
RGB Percent	51%, 54%, 67%
CMY	0.4902, 0.4627, 0.3255
CMYK	0.24, 0.20, 0.00, 0.33
HSL	230°, 20%, 59%
HSV	230°, 24%, 67%
XYZ	25.5980, 25.6157, 42.6249
YIQ	138.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

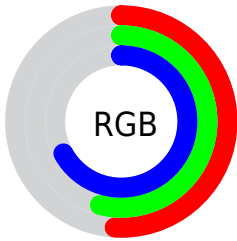
Format	Color
R _Y B	130, 136, 172
Decimal	8554924
CIE Lab	57.67, 5.35, -19.29
CIE LCh	58, 20.016, 285.498
Yxy	25.6157, 0.2728, 0.2730
Android (android.graphics.Color)	4286745004 (0xFF8289AC)
YUV	138.8970, 16.3198, -7.8027
Hunter-Lab	50.6120, 1.7090, -14.5051

Details

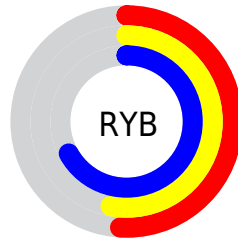
The XYZ color **25.5980, 25.6157, 42.6249** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.4981, 37.2929, 26.4999**, and the grayscale version is **24.4451, 25.7182, 28.0071**.

A 20% lighter version of the original color is **52.0457, 52.5633, 80.0757**, and **10.1066, 9.8779, 19.1433** is the 20% darker color. If you saturate the color by 10%, you get **21.2732, 20.5603, 41.8775**, and if you desaturate by 10%, it is **30.6362, 31.4419, 43.4844**.

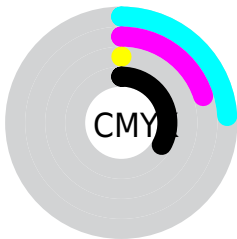
Distribution



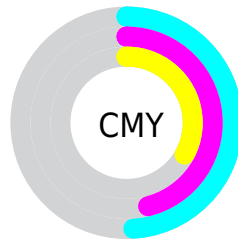
- Red (51%)
- Green (54%)
- Blue (67%)



- Red (51%)
- Yellow (53%)
- Blue (67%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5980, 25.6157, 42.6249 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 25.5980, 25.6157, 42.6249 by changing the saturation by 10% instead.

■ 25.5980, 25.6157,
42.6249

■ 25.5980, 25.6157,
42.6249

273.0961,
280.8904, 372.9427

■ 16.6542, 16.5364,
29.2617

■ 52.0616, 52.6543,
80.4248

■ 10.0821, 9.9045,
19.0316

■ 70.3122, 71.3824,
105.6986

■ 5.5161, 5.3357,
11.5161

■ 92.3958, 94.0955,
135.7796

■ 2.5910, 2.4455,
6.2966

118.6778,
121.1781, 171.0864

■ 0.9414, 0.8492,
2.9545

149.5234,
153.0144, 212.0376

■ 0.0000, 0.0000,
1.0715

185.2981,

■ 0.0000, 0.0000,

189.9890, 259.0517

0.0000

226.3672,
232.4862, 312.5472

■ 25.5980, 25.6157,
42.6249

■ 25.5980, 25.6157,
42.6249

■ 21.2732, 20.5603,
41.8775

■ 30.6362, 31.4419,
43.4844

■ 17.6267, 16.2401,
41.2358

■ 36.4156, 38.0662,
44.4584

■ 14.6244, 12.6214,
40.6955

■ 42.9658, 45.5187,
45.5516

■ 12.2280, 9.6663,
40.2515

■ 50.3138, 53.8267,
46.7679

■ 10.3950, 7.3336,
39.8978

■ 58.4853, 63.0162,
48.1110

■ 9.0773, 5.5769,
39.6282

■ 67.5050, 73.1125,
49.5844

■ 8.2181, 4.3433,
39.4354

■ 77.3965, 84.1393,
51.1914

■ 7.8778, 3.8412,
39.3564

■ 83.3926, 93.6507,
52.7113

■ 84.4465, 95.7586,
53.0626

Harmonies

Analogous

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



23.2121, 25.6157, 42.7036



25.5980, 25.6157, 42.6249



27.7806, 25.6157, 38.1922

Triad

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



25.5980, 25.6157, 42.6249



27.7189, 25.6157, 19.5041



20.1560, 25.6157, 24.7177

Complementary

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



25.5980, 25.6157, 42.6249



34.4981, 37.2929, 26.4999

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.



21.2086, 25.6157, 19.6319



25.5980, 25.6157, 42.6249



25.5182, 25.6157, 16.9740

Square

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



25.5980, 25.6157, 42.6249



29.0587, 25.6157, 24.5142



23.1373, 25.6157, 17.0166



20.1743, 25.6157, 31.5648

Rectangle

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



25.5980, 25.6157, 42.6249



28.7814, 25.6157, 33.7250



23.1373, 25.6157, 17.0166



20.3932, 25.6157, 22.7721

Sweetspot

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



25.5988, 25.6167, 42.6255



63.0877, 65.6568, 80.1537



30.6870, 36.9426, 40.7780



13.5781, 14.1174, 17.3970



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5988, 25.6167, 42.6255



42.2781, 41.6213, 76.6112



26.8094, 24.8111, 42.4062



7.6828, 7.9650, 10.0852



5.8906, 2.9151, 29.2967



0.1957, 0.1447, 0.8256

Inverse Universe

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



29.5119, 26.5429, 27.2358



50.5904, 43.7279, 43.8891



33.0210, 38.4576, 26.8026



8.0577, 8.0363, 8.6146



12.8370, 6.5973, 1.5209



0.3732, 0.1900, 0.1268

Previews

White Background



This preview shows how the XYZ color 25.5980, 25.6157, 42.6249 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 25.5980, 25.6157, 42.6249 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 25.5980, 25.6157, 42.6249

Background



This preview shows how black text looks on a background with the XYZ color 25.5980, 25.6157, 42.6249.



This preview shows how white text looks on a background with the XYZ color 25.5980, 25.6157,

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

25.5980, 25.6157, 42.6249

Protanopia

25.5980, 25.6157, 42.6249

Deuteranopia

26.0821, 25.6552, 42.6070



Tritanopia

23.7966, 25.7524, 33.4223

Trichromacy



Original Color

25.5980, 25.6157, 42.6249

Protanomaly

25.5980, 25.6157, 42.6249

Deuteranomaly

25.9234, 25.5734, 42.5996

Tritanomaly

24.3885, 25.7714, 36.4899

Monochromacy



Original Color

25.5980, 25.6157, 42.6249

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8277, 25.6456, 32.9197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5980, 25.6157, 42.6249 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(130, 137, 172)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 172)  
}
```

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(130, 137, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 172) }
```

Border

The CSS property to change the border of an element to XYZ 25.5980, 25.6157, 42.6249 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(130, 137, 172) }
```


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

```
.border{ border-color:rgb(130, 137, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 172);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5980, 25.6157, 42.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 172) }
```

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

```
.background{ background-color: rgb(130,  
137, 172) }
```

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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