

Converting Colors

XYZ(13.4842, 13.3053, 27.0456)

Have a look what the booklet for
XYZ(13.4842, 13.3053, 27.0456)
contains.

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Color

**XYZ(13.4859, 13.3052,
27.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	58658D
RGB	88, 101, 141
RGB Percent	35%, 40%, 55%
CMY	0.6549, 0.6039, 0.4471
CMYK	0.38, 0.28, 0.00, 0.45
HSL	225°, 23%, 45%
HSV	225°, 38%, 55%
XYZ	13.4859, 13.3052, 27.0567
YIQ	101.6730, -20.5880, 9.6840

Conversions

Conversions Part 2

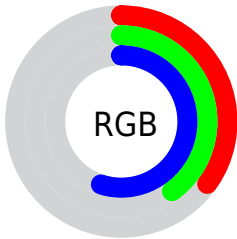
Format	Color
R_{YB}	88, 98, 141
Decimal	5793165
CIE _{Lab}	43.22, 5.53, -23.64
CIE _{LCh}	43, 24.274, 283.166
Yxy	13.3052, 0.2504, 0.2471
Android (android.graphics.Color)	4283983245 (0xFF58658D)
YUV	101.6730, 19.3882, -11.9912
Hunter-Lab	36.4763, 2.1609, -18.4456

Details

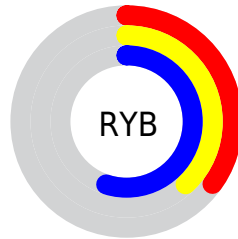
The XYZ color **13.4859, 13.3052, 27.0567** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.4654, 21.8058, 12.3632**, and the grayscale version is **12.4994, 13.1504, 14.3208**.

A 20% lighter version of the original color is **31.8938, 31.9721, 56.1200**, and **4.0912, 3.9190, 10.4383** is the 20% darker color. If you saturate the color by 10%, you get **11.3109, 10.7484, 26.6781**, and if you desaturate by 10%, it is **16.0538, 16.2637, 27.4926**.

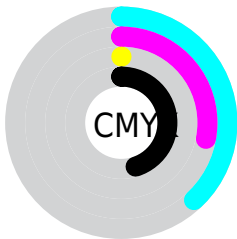
Distribution



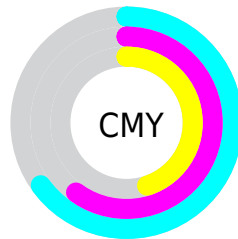
- Red (35%)
- Green (40%)
- Blue (55%)



- Red (35%)
- Yellow (38%)
- Blue (55%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4859, 13.3052, 27.0567 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 13.4859, 13.3052, 27.0567 by changing the saturation by 10% instead.

■ 13.4859, 13.3052,
27.0567

■ 13.4859, 13.3052,
27.0567

207.5840,
212.8645, 301.7004

■ 7.8433, 7.6390,
17.3830

■ 31.7679, 31.8510,
55.9797

■ 4.0458, 3.8649,
10.3431

■ 45.1381, 45.4995,
76.0660

■ 1.7281, 1.5983,
5.5185

■ 61.8148, 62.5774,
100.4604

■ 0.4737, 0.3564,
2.4905

■ 82.1634, 83.4694,
129.5812

■ 0.0000, 0.0000,
0.8351

106.5492,
108.5597, 163.8471

■ 0.0000, 0.0000,
0.0000

135.3377,

138.2327, 203.6765

168.8942,
172.8728, 249.4881

■ 13.4859, 13.3052,
27.0567

■ 13.4859, 13.3052,
27.0567

■ 11.3109, 10.7484,
26.6781

■ 16.0538, 16.2637,
27.4926

■ 9.5075, 8.5739,
26.3534

■ 19.0317, 19.6391,
27.9872

■ 8.0540, 6.7629,
26.0804

■ 22.4376, 23.4478,
28.5429

■ 6.9263, 5.2942,
25.8564

■ 26.2877, 27.7045,
29.1616

■ 6.0966, 4.1442,
25.6781

■ 30.5975, 32.4236,
29.8453

■ 5.5167, 3.2778,
25.5415

■ 35.3817, 37.6185,
30.5958

■ 5.3967, 3.1010,
25.5137

■ 40.6545, 43.3022,
31.4150

■ 46.4291, 49.4873,
32.3045

■ 52.7186, 56.1857,
33.2659

Harmonies

Analogous

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



11.6299, 13.3052, 26.7980



13.4859, 13.3052, 27.0567



15.2784, 13.3052, 23.4056

Triad

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



13.4859, 13.3052, 27.0567



15.4644, 13.3052, 8.5058



9.4978, 13.3052, 11.6961

Complementary

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



13.4859, 13.3052, 27.0567



20.4654, 21.8058, 12.3632

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.



10.3351, 13.3052, 8.1821



13.4859, 13.3052, 27.0567



13.7200, 13.3052, 6.6771

Square

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



13.4859, 13.3052, 27.0567



16.4945, 13.3052, 12.2587



11.8421, 13.3052, 6.5755



9.4485, 13.3052, 16.9704

Rectangle

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



13.4859, 13.3052, 27.0567



16.1464, 13.3052, 19.6697



11.8421, 13.3052, 6.5755



9.6923, 13.3052, 10.3056

Sweetspot

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



13.4864, 13.3057, 27.0570



37.8658, 39.4108, 50.7392



17.4296, 22.6767, 23.7947



8.2975, 8.6238, 11.3067



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.4864, 13.3057, 27.0570



20.8418, 19.9442, 47.8790



13.6927, 11.6841, 26.7331



5.2304, 5.4566, 6.8063



4.9318, 2.8496, 23.2672



0.0623, 0.0575, 0.2275

Inverse Universe

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



16.8236, 13.5822, 14.0474



27.7895, 20.8310, 20.7246



20.1512, 24.3245, 12.8660



5.4598, 5.4444, 5.9191



10.2925, 5.2740, 1.9255



0.1060, 0.0535, 0.0586

Previews

White Background



This preview shows how the XYZ color 13.4859, 13.3052, 27.0567 looks on a white 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

Black Background



This preview shows how the XYZ color 13.4859, 13.3052, 27.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

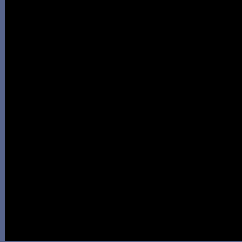
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

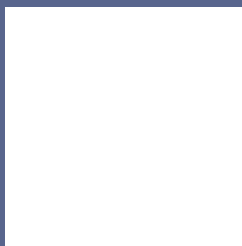
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4859, 13.3052, 27.0567

Background



This preview shows how black text looks on a background with the XYZ color 13.4859, 13.3052, 27.0567.

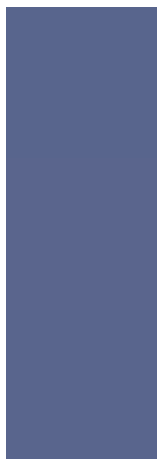


This preview shows how white text looks on a background with the XYZ color 13.4859, 13.3052,

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

13.4859, 13.3052, 27.0567

Protanopia

13.6778, 13.4041, 27.0657

Deuteranopia

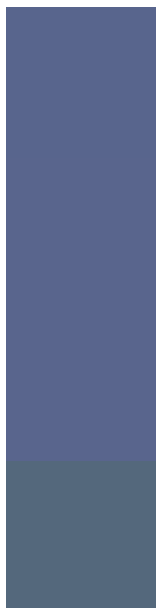
13.5812, 13.3543, 27.0611



Tritanopia

11.7282, 13.3397, 18.1763

Trichromacy



Original Color

13.4859, 13.3052, 27.0567

Protanomaly

13.5812, 13.3543, 27.0611

Deuteranomaly

13.5812, 13.3543, 27.0611

Tritanomaly

12.2446, 13.2407, 20.9791

Monochromacy



Original Color

13.4859, 13.3052, 27.0567

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.8335, 13.3051, 18.4147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4859, 13.3052, 27.0567 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(88, 101, 141)` looks like.

```
.text, #text, p{  
  color:rgb(88, 101, 141)  
}
```

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(88, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 101, 141) }
```

Border

The CSS property to change the border of an element to XYZ 13.4859, 13.3052, 27.0567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

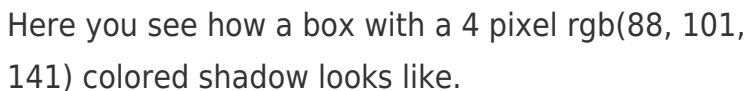
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 101, 141) }
```


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

```
.border{ border-color:rgb(88, 101, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 101, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(88, 101,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4859, 13.3052, 27.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 101, 141) }
```

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

```
.background{ background-color: rgb(88, 101,  
141) }
```

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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