

Converting Colors

XYZ(24.1673, 27.2392, 36.3768)

Have a look what the booklet for
XYZ(24.1673, 27.2392, 36.3768)
contains.

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Color

**XYZ(24.2130, 27.2580,
36.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	77939E
RGB	119, 147, 158
RGB Percent	47%, 58%, 62%
CMY	0.5333, 0.4235, 0.3804
CMYK	0.25, 0.07, 0.00, 0.38
HSL	197°, 17%, 54%
HSV	197°, 25%, 62%
XYZ	24.2130, 27.2580, 36.3329
YIQ	139.8820, -20.2190, -2.5150

Conversions

Conversions Part 2

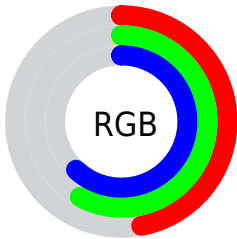
Format	Color
R_{YB}	119, 135, 158
Decimal	7836574
CIE _{Lab}	59.21, -7.23, -9.04
CIE _{LCh}	59, 11.579, 231.364
Yxy	27.2580, 0.2758, 0.3104
Android (android.graphics.Color)	4286026654 (0xFF77939E)
YUV	139.8820, 8.9322, -18.3135
Hunter-Lab	52.2092, -8.5833, -4.7141

Details

The XYZ color **24.2130, 27.2580, 36.3329** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.4132, 24.5663, 20.8557**, and the grayscale version is **24.8541, 26.1485, 28.4757**.

A 20% lighter version of the original color is **49.9101, 55.3480, 71.0035**, and **9.2910, 10.6925, 15.4841** is the 20% darker color. If you saturate the color by 10%, you get **21.5430, 24.8735, 36.0138**, and if you desaturate by 10%, it is **27.2720, 29.8843, 36.6790**.

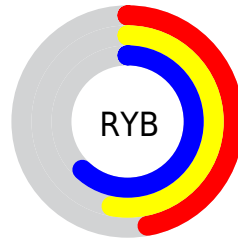
Distribution



Red (47%)

Green (58%)

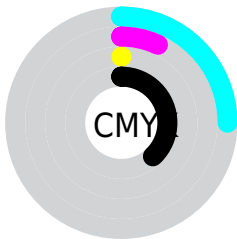
Blue (62%)



Red (47%)

Yellow (53%)

Blue (62%)

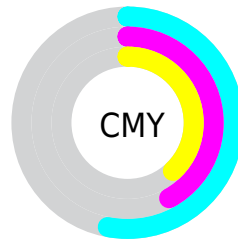


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2130, 27.2580, 36.3329 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 24.2130, 27.2580, 36.3329 by changing the saturation by 10% instead.

■ 24.2130, 27.2580,
36.3329

■ 24.2130, 27.2580,
36.3329

266.3161,
288.9041, 345.4946

■ 15.6173, 17.7671,
24.3997

■ 49.8297, 55.2976,
70.7204

■ 9.3429, 10.7829,
15.4154

■ 67.5814, 74.6151,
94.0118

■ 5.0244, 5.9210,
8.9616

■ 89.1158, 97.9768,
121.9263

■ 2.2965, 2.7971,
4.6197

114.7983,
125.7673, 154.8824

■ 0.7929, 1.0268,
1.9711

144.9943,
158.3709, 193.2988

■ 0.0000, 0.0000,
0.5374

180.0690,

■ 0.0000, 0.0000,

196.1720, 237.5939

0.0000

220.3878,
239.5549, 288.1863

■ 24.2130, 27.2580,
36.3329

■ 24.2130, 27.2580,
36.3329

■ 21.5430, 24.8735,
36.0138

■ 27.2720, 29.8843,
36.6790

■ 19.2414, 22.7176,
35.7190

■ 30.7345, 32.7582,
37.0513

■ 17.2894, 20.7809,
35.4481

■ 34.6170, 35.8893,
37.4510

■ 15.6655, 19.0518,
35.1999

■ 38.9345, 39.2858,
37.8790

■ 14.3456, 17.5174,
34.9733

■ 43.7013, 42.9555,
38.3361

■ 13.3020, 16.1631,
34.7669

■ 48.9308, 46.9057,
38.8230

■ 12.5007, 14.9707,
34.5790

■ 54.6361, 51.1435,
39.3402

■ 12.1264, 14.3783,
34.4843

■ 60.8295, 55.6757,
39.8886

■ 65.2041, 59.3135,
40.3602

Harmonies

Analogous

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



23.4077, 27.2580, 32.6709



24.2130, 27.2580, 36.3329



25.4933, 27.2580, 38.2540

Triad

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



24.2130, 27.2580, 36.3329



28.7506, 27.2580, 30.8892



24.9097, 27.2580, 22.8739

Complementary

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



24.2130, 27.2580, 36.3329



25.4132, 24.5663, 20.8557

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.



26.3270, 27.2580, 22.4925



24.2130, 27.2580, 36.3329



28.5802, 27.2580, 26.8762

Square

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



24.2130, 27.2580, 36.3329



28.1374, 27.2580, 34.9252



27.6801, 27.2580, 23.8921



23.7994, 27.2580, 24.9870

Rectangle

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



24.2130, 27.2580, 36.3329



26.4588, 27.2580, 38.1761



27.6801, 27.2580, 23.8921



25.3647, 27.2580, 22.5472

Sweetspot

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



24.2138, 27.2591, 36.3335



54.2005, 58.1646, 67.1137



23.8242, 29.9718, 25.4385



12.1404, 13.0480, 15.1223



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.2138, 27.2591, 36.3335



41.0255, 46.8929, 65.6324



21.5120, 21.8556, 35.4329



6.6636, 7.1930, 8.4439



9.7464, 11.5844, 27.6295



0.2079, 0.2744, 0.5052

Inverse Universe

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



25.9645, 22.5699, 30.5930



44.8622, 37.0023, 52.9649



28.1624, 30.0648, 21.7721



6.8243, 6.7226, 7.9260



13.7177, 6.7917, 13.2965



0.2622, 0.1282, 0.3271

Previews

White Background



This preview shows how the XYZ color 24.2130, 27.2580, 36.3329 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 24.2130, 27.2580, 36.3329 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

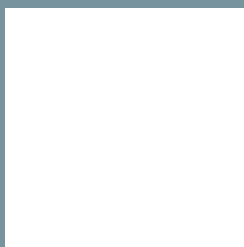
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2130, 27.2580, 36.3329

Background



This preview shows how black text looks on a background with the XYZ color 24.2130, 27.2580, 36.3329.



This preview shows how white text looks on a background with the XYZ color 24.2130, 27.2580,

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

24.2130, 27.2580, 36.3329

Protanopia

26.3421, 27.0456, 34.4038

Deuteranopia

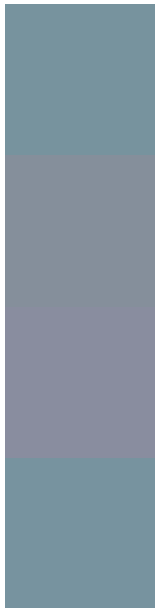
27.6464, 27.0109, 37.0142



Tritanopia

24.2995, 27.2926, 36.7882

Trichromacy



Original Color

24.2130, 27.2580, 36.3329

Protanomaly

25.4117, 26.9980, 34.8821

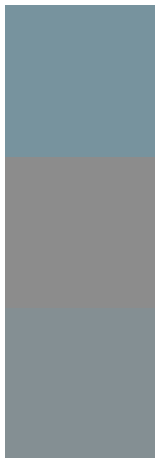
Deuteranomaly

26.0994, 26.8713, 36.6120

Tritanomaly

24.2995, 27.2926, 36.7882

Monochromacy



Original Color

24.2130, 27.2580, 36.3329

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6046, 26.6570, 31.4523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2130, 27.2580, 36.3329 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(119, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 158)  
}
```

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(119, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.2130, 27.2580, 36.3329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

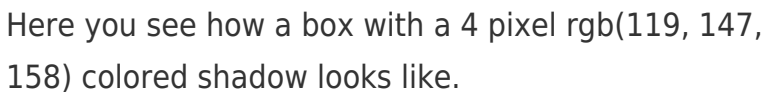
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 147, 158) }
```


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

```
.border{ border-color:rgb(119, 147, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 147, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 147, 158); box-shadow:4px 4px 4px 4px rgb(119, 147, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2130, 27.2580, 36.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 158) }
```

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

```
.background{ background-color: rgb(119,  
147, 158) }
```

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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