

Converting Colors

XYZ(27.6219, 30.3086, 50.1673)

Have a look what the booklet for
XYZ(27.6219, 30.3086, 50.1673)
contains.

XYZ(27.6487, 30.3959, 50.3087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.6487, 30.3959,
50.3087)**

Conversions

Conversions Part 1

Format	Color
Hex	759AB9
RGB	117, 154, 185
RGB Percent	46%, 60%, 73%
CMY	0.5412, 0.3961, 0.2745
CMYK	0.37, 0.17, 0.00, 0.27
HSL	207°, 33%, 59%
HSV	207°, 37%, 73%
XYZ	27.6487, 30.3959, 50.3087
YIQ	146.4710, -32.0030, 1.7970

Conversions

Conversions Part 2

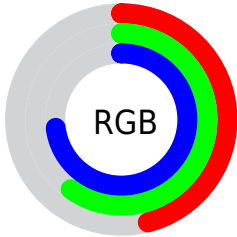
Format	Color
R_{YB}	117, 141, 185
Decimal	7707321
CIE _{Lab}	61.99, -4.89, -20.14
CIE _{LCh}	62, 20.729, 256.363
Yxy	30.3959, 0.2552, 0.2805
Android (android.graphics.Color)	4285897401 (0xFF759AB9)
YUV	146.4710, 18.9948, -25.8461
Hunter-Lab	55.1325, -6.9649, -15.5097

Details

The XYZ color **27.6487, 30.3959, 50.3087** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.8090, 32.7791, 21.3757**, and the grayscale version is **27.4496, 28.8791, 31.4493**.

A 20% lighter version of the original color is **55.2276, 60.1206, 91.9127**, and **11.1951, 12.4903, 23.6506** is the 20% darker color. If you saturate the color by 10%, you get **24.0611, 26.5528, 49.7565**, and if you desaturate by 10%, it is **31.8273, 34.6903, 50.9179**.

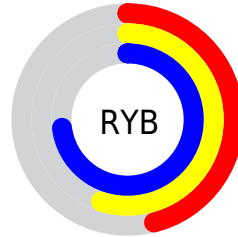
Distribution



Red (46%)

Green (60%)

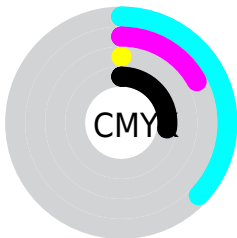
Blue (73%)



Red (46%)

Yellow (55%)

Blue (73%)

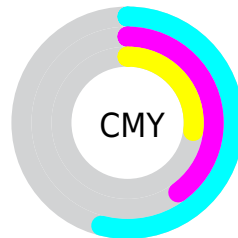


Cyan (37%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6487, 30.3959, 50.3087 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 27.6487, 30.3959, 50.3087 by changing the saturation by 10% instead.

■ 27.6487, 30.3959,
50.3087

■ 27.6487, 30.3959,
50.3087

282.8951,
303.7455, 404.6415

■ 18.2001, 20.1393,
35.2858

■ 55.3357, 60.2877,
92.0331

■ 11.1943, 12.4963,
23.5978

■ 74.3047, 80.6917,
119.5717

■ 6.2659, 7.0826,
14.8261

■ 97.1780, 105.2469,
152.1194

■ 3.0496, 3.5138,
8.5522

124.3209,
134.3378, 190.0945

■ 1.1801, 1.4055,
4.3575

156.0987,
168.3487, 233.9158

■ 0.0905, 0.2208,
1.8234

192.8767,

■ 0.0000, 0.0000,

207.6640, 284.0017

0.4433

235.0204,
252.6681, 340.7708

■ 0.0000, 0.0000,
0.0000

■ 27.6487, 30.3959,
50.3087

■ 27.6487, 30.3959,
50.3087

■ 24.0611, 26.5528,
49.7565

■ 31.8273, 34.6903,
50.9179

■ 21.0305, 23.1383,
49.2572

■ 36.6225, 39.4499,
51.5839

■ 18.5237, 20.1330,
48.8092

■ 42.0621, 44.6927,
52.3091

■ 16.5022, 17.5140,
48.4103

■ 48.1710, 50.4340,
53.0953

■ 14.9217, 15.2551,
48.0575

■ 54.9728, 56.6888,
53.9441

■ 13.7224, 13.3220,
47.7476

■ 62.4900, 63.4712,
54.8571

■ 13.3782, 12.7452,
47.6544

■ 70.7440, 70.7947,
55.8356

■ 75.9783, 76.7253,
56.7045

■ 78.2676, 81.3039,
57.4676

Harmonies

Analogous

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



25.3573, 30.3959, 45.4542



27.6487, 30.3959, 50.3087



30.4223, 30.3959, 50.0599

Triad

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



27.6487, 30.3959, 50.3087



34.3273, 30.3959, 28.9687



25.1928, 30.3959, 23.6180

Complementary

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



27.6487, 30.3959, 50.3087



33.8090, 32.7791, 21.3757

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.



27.4108, 30.3959, 20.4759



27.6487, 30.3959, 50.3087



32.7373, 30.3959, 23.2091

Square

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



27.6487, 30.3959, 50.3087



34.4012, 30.3959, 36.8370



30.1687, 30.3959, 20.3393



24.0020, 30.3959, 29.6172

Rectangle

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



27.6487, 30.3959, 50.3087



32.1761, 30.3959, 47.0137



30.1687, 30.3959, 20.3393



25.8363, 30.3959, 22.2379

Sweetspot

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



27.6497, 30.3971, 50.3094



70.8764, 75.7804, 93.0961



29.9996, 40.6060, 34.1088



14.9983, 16.0656, 20.0321



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6497, 30.3971, 50.3094



44.3185, 48.8936, 89.3062



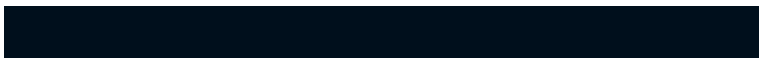
22.8587, 20.8151, 48.7124



8.9151, 9.5074, 11.4447



9.1829, 8.8254, 32.4726



0.3848, 0.4332, 1.1651

Inverse Universe

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



32.2024, 25.3709, 33.7729



53.8630, 39.3762, 54.4103



39.8653, 44.8916, 23.3944



9.2035, 9.0918, 10.4190



15.2488, 7.6733, 9.1968



0.5684, 0.2828, 0.4865

Previews

White Background



This preview shows how the XYZ color 27.6487, 30.3959, 50.3087 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.6487, 30.3959, 50.3087 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 ✓ Pass

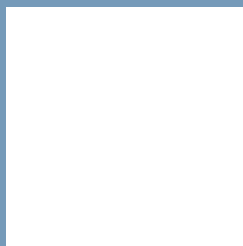
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6487, 30.3959, 50.3087

Background



This preview shows how black text looks on a background with the XYZ color 27.6487, 30.3959, 50.3087.

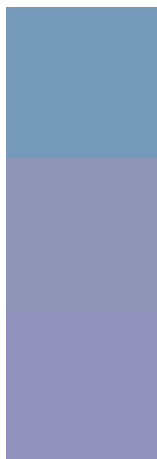


This preview shows how white text looks on a background with the XYZ color 27.6487, 30.3959,

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

27.6487, 30.3959, 50.3087

Protanopia

30.0857, 30.2668, 47.9724

Deuteranopia

30.9256, 30.1654, 51.2063



Tritanopia

26.0285, 30.4892, 42.0493

Trichromacy



Original Color

27.6487, 30.3959, 50.3087

Protanomaly

29.0227, 30.1766, 48.5510

Deuteranomaly

29.6020, 30.1910, 50.7216

Tritanomaly

26.5658, 30.4495, 45.0346

Monochromacy



Original Color

27.6487, 30.3959, 50.3087

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0843, 29.1839, 37.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6487, 30.3959, 50.3087 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(117, 154, 185)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 185)  
}
```

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(117, 154, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.6487, 30.3959, 50.3087 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(117, 154, 185) }
```


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

```
.border{ border-color:rgb(117, 154, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 154, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 154, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 154, 185); box-shadow:4px 4px 4px 4px rgb(117, 154, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6487, 30.3959, 50.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 185) }
```

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

```
.background{ background-color: rgb(117,  
154, 185) }
```

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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