

Converting Colors

XYZ(27.4941, 27.0978, 57.2081)

Have a look what the booklet for
XYZ(27.4941, 27.0978, 57.2081)
contains.

XYZ(27.4636, 27.1200, 57.2133)	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(27.4636, 27.1200,
57.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	788DC6
RGB	120, 141, 198
RGB Percent	47%, 55%, 78%
CMY	0.5294, 0.4470, 0.2235
CMYK	0.39, 0.29, 0.00, 0.22
HSL	224°, 41%, 62%
HSV	224°, 39%, 78%
XYZ	27.4636, 27.1200, 57.2133
YIQ	141.2190, -30.8130, 13.2750

Conversions

Conversions Part 2

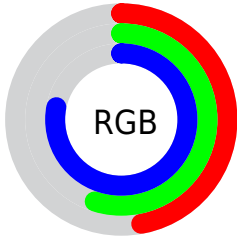
Format	Color
RYB	120, 137, 198
Decimal	7900614
CIELab	59.09, 6.91, -31.93
CIElCh	59, 32.672, 282.212
Yxy	27.1200, 0.2457, 0.2426
Android (android.graphics.Color)	4286090694 (0xFF788DC6)
YUV	141.2190, 27.9930, -18.6091
Hunter-Lab	52.0769, 3.0004, -28.6841

Details

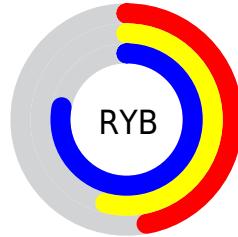
The XYZ color **27.4636, 27.1200, 57.2133** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.4017, 44.8069, 24.1841**, and the grayscale version is **25.3063, 26.6242, 28.9938**.

A 20% lighter version of the original color is **55.0210, 54.9175, 102.3080**, and **11.0899, 10.6891, 27.8643** is the 20% darker color. If you saturate the color by 10%, you get **23.0004, 21.8566, 56.4331**, and if you desaturate by 10%, it is **32.7752, 33.2357, 58.1143**.

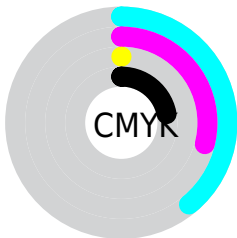
Distribution



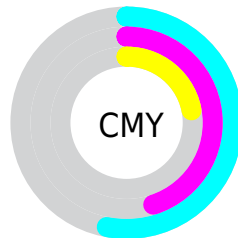
- Red (47%)
- Green (55%)
- Blue (78%)



- Red (47%)
- Yellow (54%)
- Blue (78%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4636, 27.1200, 57.2133 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 27.4636, 27.1200, 57.2133 by changing the saturation by 10% instead.

■ 27.4636, 27.1200,
57.2133

■ 27.4636, 27.1200,
57.2133

282.0216,
288.2377, 431.7642

■ 18.0601, 17.6634,
40.7660

■ 55.0416, 55.0764,
102.2798

■ 11.0931, 10.7086,
27.8180

■ 73.9467, 74.3449,
131.7360

■ 6.1972, 5.8712,
17.9506

■ 96.7498, 97.6528,
166.3657

■ 3.0072, 2.7669,
10.7455

123.8162,
125.3846, 206.5874

■ 1.1576, 1.0113,
5.7839

155.5112,
157.9246, 252.8195

■ 0.0725, 0.0000,
2.6475

192.2002,

■ 0.0000, 0.0000,

195.6571, 305.4806

0.9168

234.2486,
238.9667, 364.9894

■ 0.0000, 0.0000,
0.0000

■ 27.4636, 27.1200,
57.2133

■ 27.4636, 27.1200,
57.2133

■ 23.0004, 21.8566,
56.4331

■ 32.7752, 33.2357,
58.1143

■ 19.3368, 17.4028,
55.7665

■ 38.9748, 40.2374,
59.1390

■ 16.4231, 13.7165,
55.2086

■ 46.1028, 48.1608,
60.2927

■ 14.2026, 10.7503,
54.7531

■ 54.1961, 57.0387,
61.5797

■ 12.6095, 8.4507,
54.3932

■ 63.2898, 66.9021,
63.0043

■ 11.5361, 6.7408,
54.1197

■ 73.4169, 77.7807,
64.5703

■ 11.4803, 6.6516,
54.1054

■ 83.2710, 89.0129,
66.2190

■ 87.1931, 96.8573,
67.5264

Harmonies

Analogous

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



23.4647, 27.1200, 56.3430



27.4636, 27.1200, 57.2133



31.3855, 27.1200, 49.3762

Triad

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



27.4636, 27.1200, 57.2133



32.0018, 27.1200, 16.9109



19.0351, 27.1200, 23.2122

Complementary

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



27.4636, 27.1200, 57.2133



42.4017, 44.8069, 24.1841

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.



20.8794, 27.1200, 15.8725



27.4636, 27.1200, 57.2133



28.2358, 27.1200, 12.9467

Square

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



27.4636, 27.1200, 57.2133



34.1841, 27.1200, 25.0477



24.1604, 27.1200, 12.6246



18.8750, 27.1200, 34.5154

Rectangle

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



27.4636, 27.1200, 57.2133



33.3181, 27.1200, 41.2263



24.1604, 27.1200, 12.6246



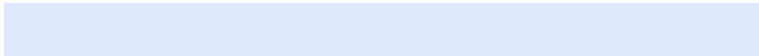
19.4689, 27.1200, 20.2845

Sweetspot

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



27.4645, 27.1210, 57.2139



77.9513, 81.2046, 106.1733



35.7672, 47.5125, 48.3089



16.3192, 16.9757, 22.6665



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.4645, 27.1210, 57.2139



41.9611, 40.1739, 100.1505



27.2106, 22.8211, 56.3974



10.2851, 10.7444, 13.4493



7.5272, 4.4483, 35.2062



0.4182, 0.3342, 1.6876

Inverse Universe

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



34.8137, 27.3627, 28.6469



56.9386, 41.4353, 41.7586



42.6645, 51.5807, 25.4777



10.7492, 10.6831, 11.6626



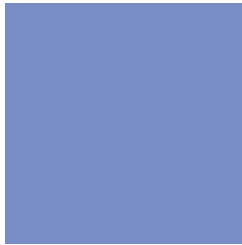
15.5987, 7.9890, 3.0967



0.7698, 0.3908, 0.3109

Previews

White Background



This preview shows how the XYZ color 27.4636, 27.1200, 57.2133 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 27.4636, 27.1200, 57.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

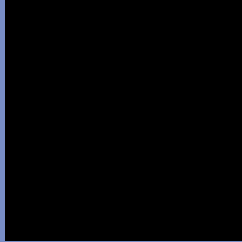
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4636, 27.1200, 57.2133

Background



This preview shows how black text looks on a background with the XYZ color 27.4636, 27.1200, 57.2133.



This preview shows how white text looks on a background with the XYZ color 27.4636, 27.1200,

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

27.4636, 27.1200, 57.2133

Protanopia

27.9136, 27.1474, 56.5921

Deuteranopia

27.7395, 27.0443, 57.1841



Tritanopia

23.3655, 27.0329, 37.2441

Trichromacy



Original Color

27.4636, 27.1200, 57.2133

Protanomaly

27.6245, 26.9983, 56.5786

Deuteranomaly

27.5972, 26.9710, 57.1775

Tritanomaly

24.7048, 26.8842, 43.9315

Monochromacy



Original Color

27.4636, 27.1200, 57.2133

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7193, 26.6449, 37.9699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4636, 27.1200, 57.2133 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(120, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(120, 141, 198)  
}
```

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(120, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 141, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.4636, 27.1200, 57.2133 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(120, 141, 198) }
```


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

```
.border{ border-color:rgb(120, 141, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(120, 141,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4636, 27.1200, 57.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 141, 198) }
```

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

```
.background{ background-color: rgb(120,  
141, 198) }
```

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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