

Converting Colors

XYZ(27.5204, 26.1059, 55.8130)

Have a look what the booklet for
XYZ(27.5204, 26.1059, 55.8130)
contains.

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Color

**XYZ(27.5204, 26.1059,
55.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	7F88C4
RGB	127, 136, 196
RGB Percent	50%, 53%, 77%
CMY	0.5019, 0.4667, 0.2314
CMYK	0.35, 0.31, 0.00, 0.23
HSL	232°, 37%, 63%
HSV	232°, 35%, 77%
XYZ	27.5204, 26.1059, 55.8130
YIQ	140.1490, -24.6240, 16.7520

Conversions

Conversions Part 2

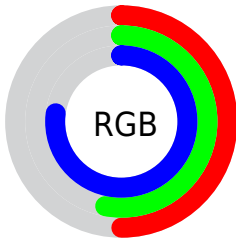
Format	Color
RYB	127, 135, 196
Decimal	8358084
CIELab	58.14, 11.22, -32.24
CIElCh	58, 34.137, 289.196
Yxy	26.1059, 0.2515, 0.2385
Android (android.graphics.Color)	4286548164 (0xFF7F88C4)
YUV	140.1490, 27.5345, -11.5317
Hunter-Lab	51.0939, 6.7299, -29.0003

Details

The XYZ color **27.5204, 26.1059, 55.8130** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3667, 48.8095, 27.1626**, and the grayscale version is **24.8891, 26.1853, 28.5158**.

A 20% lighter version of the original color is **55.2186, 53.4321, 100.3316**, and **11.1119, 10.1044, 26.9559** is the 20% darker color. If you saturate the color by 10%, you get **22.6678, 20.3203, 54.9525**, and if you desaturate by 10%, it is **33.3243, 32.9496, 56.8285**.

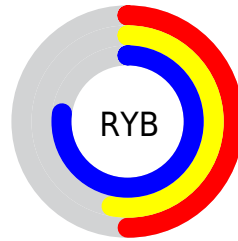
Distribution



Red (50%)

Green (53%)

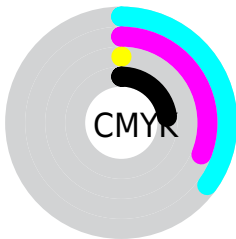
Blue (77%)



Red (50%)

Yellow (53%)

Blue (77%)

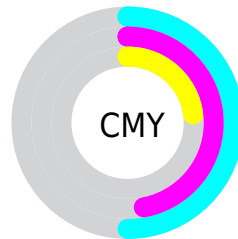


Cyan (35%)

Magenta (31%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (47%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5204, 26.1059, 55.8130 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 27.5204, 26.1059, 55.8130 by changing the saturation by 10% instead.

■ 27.5204, 26.1059,
55.8130

■ 27.5204, 26.1059,
55.8130

282.2899,
283.3015, 426.3549

■ 18.1030, 16.9029,
39.6500

■ 55.1318, 53.4457,
100.2142

■ 11.1241, 10.1653,
26.9541

■ 74.0566, 72.3514,
129.2895

■ 6.2183, 5.5087,
17.3066

■ 96.8813, 95.2599,
163.5059

■ 3.0202, 2.5487,
10.2891

123.9712,
122.5559, 203.2821

■ 1.1644, 0.9009,
5.4829

155.6916,
154.6237, 249.0366

■ 0.0780, 0.0000,
2.4697

192.4080,

■ 0.0000, 0.0000,

191.8476, 301.1878

0.8240

234.4856,
234.6121, 360.1544

■ 0.0000, 0.0000,
0.0000

■ 27.5204, 26.1059,
55.8130

■ 27.5204, 26.1059,
55.8130

■ 22.6678, 20.3203,
54.9525

■ 33.3243, 32.9496,
56.8285

■ 18.7128, 15.5368,
54.2376

■ 40.1240, 40.8977,
58.0043

■ 15.6004, 11.6986,
53.6608

■ 47.9646, 49.9974,
59.3475

■ 13.2682, 8.7422,
53.2131

■ 56.8872, 60.2922,
60.8643

■ 11.6451, 6.5957,
52.8843

■ 66.9312, 71.8233,
62.5606

■ 10.6462, 5.1755,
52.6629

■ 78.1336, 84.6300,
64.4422

■ 10.3237, 4.7052,
52.5891

■ 86.9639, 96.7656,
66.3191

Harmonies

Analogous

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



23.3519, 26.1059, 57.1765



27.5204, 26.1059, 55.8130



31.3319, 26.1059, 46.0552

Triad

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



27.5204, 26.1059, 55.8130



30.3804, 26.1059, 14.4363



17.7928, 26.1059, 24.3661

Complementary

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



27.5204, 26.1059, 55.8130



44.3667, 48.8095, 27.1626

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.



19.2673, 26.1059, 15.9890



27.5204, 26.1059, 55.8130



26.3335, 26.1059, 11.4100

Square

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



27.5204, 26.1059, 55.8130



33.1058, 26.1059, 21.5751



22.2890, 26.1059, 11.8858



18.0352, 26.1059, 36.5897

Rectangle

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



27.5204, 26.1059, 55.8130



33.0134, 26.1059, 37.3050



22.2890, 26.1059, 11.8858



18.0970, 26.1059, 21.0793

Sweetspot

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



27.5213, 26.1069, 55.8136



78.1793, 80.4757, 106.0206



37.4413, 47.5718, 54.1111



16.3244, 16.7497, 22.6226



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.



27.5213, 26.1069, 55.8136



43.1419, 39.3011, 99.9198



30.5592, 25.8698, 55.6077



9.6319, 9.9551, 12.6987



6.6695, 3.0955, 33.8026



0.3236, 0.2045, 1.4723

Inverse Universe

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



34.7991, 28.6931, 26.9977



58.3242, 45.0124, 39.7357



40.3008, 49.6371, 27.5366



10.1255, 10.0988, 10.7514



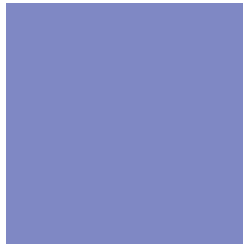
14.7624, 7.5947, 1.3951



0.6557, 0.3353, 0.1543

Previews

White Background



This preview shows how the XYZ color 27.5204, 26.1059, 55.8130 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 27.5204, 26.1059, 55.8130 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 27.5204, 26.1059, 55.8130

Background



This preview shows how black text looks on a background with the XYZ color 27.5204, 26.1059, 55.8130.



This preview shows how white text looks on a background with the XYZ color 27.5204, 26.1059,

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

27.5204, 26.1059, 55.8130

Protanopia

27.0517, 26.2731, 56.4688

Deuteranopia

26.7980, 26.1555, 55.8607



Tritanopia

23.3609, 26.1646, 34.8294

Trichromacy



Original Color

27.5204, 26.1059, 55.8130

Protanomaly

27.1921, 26.1335, 56.4344

Deuteranomaly

27.0778, 26.0878, 55.8328

Tritanomaly

24.6657, 26.0170, 41.7520

Monochromacy



Original Color

27.5204, 26.1059, 55.8130

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5695, 26.1542, 36.9583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5204, 26.1059, 55.8130 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(127, 136, 196)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 196)  
}
```

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(127, 136, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 196) }
```

Border

The CSS property to change the border of an element to XYZ 27.5204, 26.1059, 55.8130 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(127, 136, 196) }
```


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

```
.border{ border-color:rgb(127, 136, 196) }
```

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

Here you see how a box with a 4 pixel rgb(127, 136, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 196);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5204, 26.1059, 55.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 196) }
```

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

```
.background{ background-color: rgb(127,  
136, 196) }
```

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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