

Converting Colors

XYZ(27.9778, 25.9633, 52.9716)

Have a look what the booklet for
XYZ(27.9778, 25.9633, 52.9716)
contains.

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Color

**XYZ(27.9207, 25.9627,
52.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	8786BF
RGB	135, 134, 191
RGB Percent	53%, 53%, 75%
CMY	0.4706, 0.4745, 0.2510
CMYK	0.29, 0.30, 0.00, 0.25
HSL	241°, 31%, 64%
HSV	241°, 30%, 75%
XYZ	27.9207, 25.9627, 52.8299
YIQ	140.7970, -17.7010, 17.9390

Conversions

Conversions Part 2

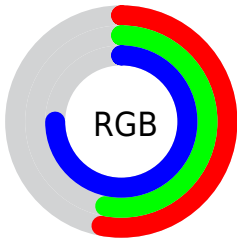
Format	Color
RYB	135, 134, 191
Decimal	8881855
CIELab	58.00, 13.41, -29.57
CIELCh	58, 32.466, 294.388
Yxy	25.9627, 0.2616, 0.2433
Android (android.graphics.Color)	4287071935 (0xFF8786BF)
YUV	140.7970, 24.7501, -5.0840
Hunter-Lab	50.9536, 8.6426, -25.8057

Details

The XYZ color **27.9207, 25.9627, 52.8299** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1698, 49.9306, 29.8649**, and the grayscale version is **25.1499, 26.4596, 28.8145**.

A 20% lighter version of the original color is **55.6999, 53.1368, 96.1277**, and **11.3311, 10.1421, 25.0273** is the 20% darker color. If you saturate the color by 10%, you get **22.7577, 19.7302, 51.8995**, and if you desaturate by 10%, it is **34.0944, 33.4251, 53.9453**.

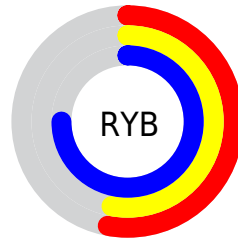
Distribution



Red (53%)

Green (53%)

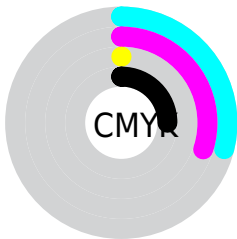
Blue (75%)



Red (53%)

Yellow (53%)

Blue (75%)

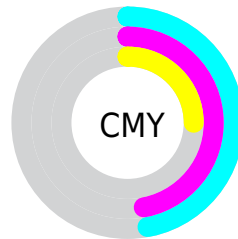


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9207, 25.9627, 52.8299 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 27.9207, 25.9627, 52.8299 by changing the saturation by 10% instead.

■ 27.9207, 25.9627,
52.8299

■ 27.9207, 25.9627,
52.8299

284.1748,
282.5989, 414.6799

■ 18.4060, 16.7957,
37.2802

■ 55.7673, 53.2148,
95.7930

■ 11.3433, 10.0890,
25.1270

■ 74.8300, 72.0687,
124.0435

■ 6.3673, 5.4580,
15.9518

■ 97.8061, 94.9203,
157.3647

■ 3.1124, 2.5184,
9.3361

125.0609,
122.1541, 196.1752

■ 1.2135, 0.8858,
4.8613

156.9598,
154.1545, 240.8934

■ 0.1170, 0.0000,
2.1088

193.8682,

■ 0.0000, 0.0000,

191.3058, 291.9379

0.6210

236.1514,
233.9925, 349.7272

■ 0.0000, 0.0000,
0.0000

■ 27.9207, 25.9627,
52.8299

■ 27.9207, 25.9627,
52.8299

■ 22.7577, 19.7302,
51.8995

■ 34.0944, 33.4251,
53.9453

■ 18.5491, 14.6588,
51.1424

■ 41.3257, 42.1751,
55.2531

■ 15.2373, 10.6776,
50.5485

■ 49.6619, 52.2706,
56.7624

■ 12.7571, 7.7067,
50.1058

■ 59.1467, 63.7651,
58.4812

■ 11.0348, 5.6553,
49.8006

■ 69.8212, 76.7090,
60.4170

■ 9.9838, 4.4164,
49.6169

■ 81.7247, 91.1503,
62.5770

■ 9.4530, 3.7917,
49.5243

■ 86.4040, 96.5416,
63.3710

■ 9.4460, 3.7832,
49.5230

Harmonies

Analogous

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



23.9472, 25.9627, 55.6430



27.9207, 25.9627, 52.8299



31.3235, 25.9627, 42.7885

Triad

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



27.9207, 25.9627, 52.8299



29.3295, 25.9627, 14.1041



17.9118, 25.9627, 26.2108

Complementary

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



27.9207, 25.9627, 52.8299



44.1698, 49.9306, 29.8649

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.



19.0439, 25.9627, 17.4732



27.9207, 25.9627, 52.8299



25.4210, 25.9627, 11.7722

Square

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



27.9207, 25.9627, 52.8299



32.1953, 25.9627, 20.2618



21.6944, 25.9627, 12.8178



18.4306, 25.9627, 38.1486

Rectangle

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



27.9207, 25.9627, 52.8299



32.6684, 25.9627, 34.4833



21.6944, 25.9627, 12.8178



18.1079, 25.9627, 22.8501

Sweetspot

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



27.9216, 25.9637, 52.8305



74.9925, 76.7199, 99.1350



37.6605, 45.6791, 56.1227



16.0172, 16.3017, 21.6876



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.9216, 25.9637, 52.8305



43.5916, 38.7543, 93.4619



33.1265, 28.6469, 53.0741



9.0316, 9.2331, 11.9784



6.2149, 2.4900, 32.5459



0.2488, 0.1003, 1.2751

Inverse Universe

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



39.3060, 31.8452, 52.7912



67.3623, 51.0363, 93.3196



37.7437, 46.6178, 29.5642



9.9226, 9.6933, 11.9812



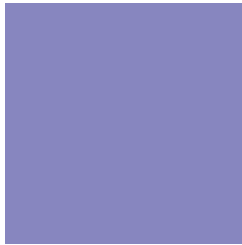
20.0642, 9.6569, 31.9616



0.7883, 0.3792, 1.2642

Previews

White Background



This preview shows how the XYZ color 27.9207, 25.9627, 52.8299 looks on a white background.

Color Contrast Check

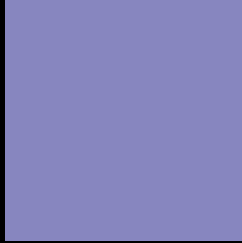
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9207, 25.9627, 52.8299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

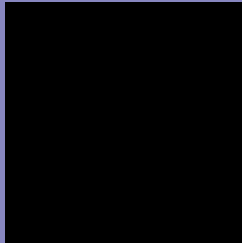
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9207, 25.9627, 52.8299

Background



This preview shows how black text looks on a background with the XYZ color 27.9207, 25.9627, 52.8299.



This preview shows how white text looks on a background with the XYZ color 27.9207, 25.9627,

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

27.9207, 25.9627, 52.8299

Protanopia

26.7093, 25.9239, 54.6350

Deuteranopia

26.5521, 25.8941, 52.3138



Tritanopia

24.0270, 25.8617, 33.8624

Trichromacy



Original Color

27.9207, 25.9627, 52.8299

Protanomaly

27.1822, 25.9706, 54.0322

Deuteranomaly

27.0005, 25.9152, 52.2943

Tritanomaly

25.2695, 25.7128, 40.1904

Monochromacy



Original Color

27.9207, 25.9627, 52.8299

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9939, 26.1691, 36.4820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9207, 25.9627, 52.8299 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(135, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(135, 134, 191)  
}
```

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(135, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 134, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.9207, 25.9627, 52.8299 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(135, 134, 191) }
```


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

```
.border{ border-color:rgb(135, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(135, 134,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9207, 25.9627, 52.8299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 134, 191) }
```

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

```
.background{ background-color: rgb(135,  
134, 191) }
```

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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