

Converting Colors

XYZ(29.3291, 27.2747, 54.7409)

Have a look what the booklet for
XYZ(29.3291, 27.2747, 54.7409)
contains.

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Color

**XYZ(29.3307, 27.2753,
54.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	8B89C2
RGB	139, 137, 194
RGB Percent	55%, 54%, 76%
CMY	0.4549, 0.4627, 0.2392
CMYK	0.28, 0.29, 0.00, 0.24
HSL	242°, 32%, 65%
HSV	242°, 29%, 76%
XYZ	29.3307, 27.2753, 54.7577
YIQ	144.0960, -17.1050, 18.1510

Conversions

Conversions Part 2

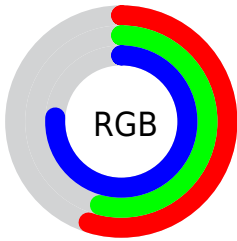
Format	Color
R_{YB}	139, 137, 194
Decimal	9144770
CIE _{Lab}	59.23, 13.62, -29.34
CIE _{LCh}	59, 32.351, 294.902
Yxy	27.2753, 0.2634, 0.2449
Android (android.graphics.Color)	4287334850 (0xFF8B89C2)
YUV	144.0960, 24.6027, -4.4692
Hunter-Lab	52.2258, 8.8530, -25.6064

Details

The XYZ color **29.3307, 27.2753, 54.7577** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5460, 51.5968, 31.2266**, and the grayscale version is **26.4576, 27.8354, 30.3128**.

A 20% lighter version of the original color is **58.0742, 55.2613, 98.8724**, and **12.0723, 10.7361, 26.2469** is the 20% darker color. If you saturate the color by 10%, you get **23.9545, 20.7719, 53.7862**, and if you desaturate by 10%, it is **35.7398, 35.0484, 55.9207**.

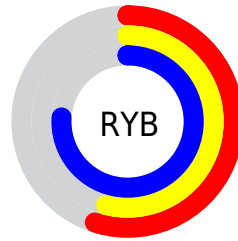
Distribution



Red (55%)

Green (54%)

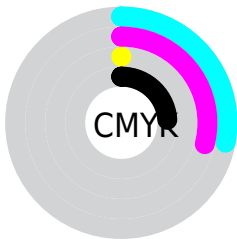
Blue (76%)



Red (55%)

Yellow (54%)

Blue (76%)

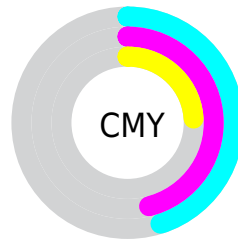


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3307, 27.2753, 54.7577 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 29.3307, 27.2753, 54.7577 by changing the saturation by 10% instead.

■ 29.3307, 27.2753,
54.7577

■ 29.3307, 27.2753,
54.7577

290.7382,
288.9876, 422.2488

■ 19.4767, 17.7801,
38.8105

■ 57.9960, 55.3253,
98.6534

■ 12.1213, 10.7922,
26.3056

■ 77.5380, 74.6489,
127.4390

■ 6.8991, 5.9273,
16.8246

■ 101.0401, 98.0174,
161.3412

■ 3.4448, 2.8009,
9.9489

128.8675,
125.8153, 200.7784

■ 1.3931, 1.0287,
5.2599

161.3857,
158.4268, 246.1692

■ 0.2513, 0.0000,
2.3392

198.9600,

■ 0.0000, 0.0000,

196.2364, 297.9322

0.7530

241.9557,
239.6286, 356.4859

■ 0.0000, 0.0000,
0.0000

■ 29.3307, 27.2753,
54.7577

■ 29.3307, 27.2753,
54.7577

■ 23.9545, 20.7719,
53.7862

■ 35.7398, 35.0484,
55.9207

■ 19.5545, 15.4678,
52.9943

■ 43.2289, 44.1502,
57.2828

■ 16.0730, 11.2905,
52.3716

■ 51.8456, 54.6399,
58.8534

■ 13.4449, 8.1587,
51.9056

■ 61.6338, 66.5722,
60.6407

■ 11.5967, 5.9799,
51.5824

■ 72.6352, 79.9989,
62.6525

■ 10.4423, 4.6457,
51.3857

■ 84.8892, 94.9691,
64.8961

■ 9.8505, 3.9726,
51.2870

■ 86.7377, 96.6751,
65.1280

■ 9.8229, 3.9390,
51.2820

Harmonies

Analogous

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



25.2410, 27.2753, 57.7862



29.3307, 27.2753, 54.7577



32.8050, 27.2753, 44.3951

Triad

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



29.3307, 27.2753, 54.7577



30.6465, 27.2753, 14.9747



18.9384, 27.2753, 27.7670

Complementary

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



29.3307, 27.2753, 54.7577



45.5460, 51.5968, 31.2266

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.



20.0801, 27.2753, 18.6659



29.3307, 27.2753, 54.7577



26.6199, 27.2753, 12.6077

Square

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



29.3307, 27.2753, 54.7577



33.6183, 27.2753, 21.2895



22.7925, 27.2753, 13.7583



19.5042, 27.2753, 40.0722

Rectangle

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



29.3307, 27.2753, 54.7577



34.1605, 27.2753, 35.8704



22.7925, 27.2753, 13.7583



19.1314, 27.2753, 24.2780

Sweetspot

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



29.3316, 27.2764, 54.7583



78.6661, 80.4103, 103.8444



38.9265, 46.9573, 58.0514



16.7568, 17.0371, 22.6553



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.



29.3316, 27.2764, 54.7583



46.9112, 41.8773, 98.0804



34.7051, 30.0465, 55.0098



9.5603, 9.7645, 12.6657



6.4727, 2.5972, 33.7168



0.2912, 0.1182, 1.4573

Inverse Universe

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



40.7089, 33.1674, 54.1262



70.7536, 54.2250, 96.6465



39.0353, 48.2404, 30.9219



10.4815, 10.2412, 12.6263



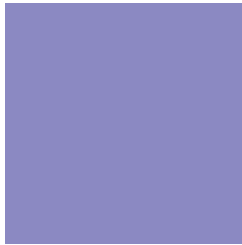
20.5451, 9.9078, 31.8460



0.8925, 0.4300, 1.4015

Previews

White Background



This preview shows how the XYZ color 29.3307, 27.2753, 54.7577 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 29.3307, 27.2753, 54.7577 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 29.3307, 27.2753, 54.7577

Background



This preview shows how black text looks on a background with the XYZ color 29.3307, 27.2753, 54.7577.



This preview shows how white text looks on a background with the XYZ color 29.3307, 27.2753,

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

29.3307, 27.2753, 54.7577

Protanopia

28.2071, 27.5166, 56.6479

Deuteranopia

28.0526, 27.4892, 54.2795



Tritanopia

25.3341, 27.1721, 35.3620

Trichromacy



Original Color

29.3307, 27.2753, 54.7577

Protanomaly

28.7020, 27.5670, 56.0328

Deuteranomaly

28.5194, 27.5120, 54.2593

Tritanomaly

26.6121, 27.0204, 41.8431

Monochromacy



Original Color

29.3307, 27.2753, 54.7577

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2018, 27.4092, 38.0392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3307, 27.2753, 54.7577 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(139, 137, 194)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 194)  
}
```

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(139, 137, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 194) }
```

Border

The CSS property to change the border of an element to XYZ 29.3307, 27.2753, 54.7577 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(139, 137, 194) }
```


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

```
.border{ border-color:rgb(139, 137, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 137, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 194);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3307, 27.2753, 54.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 194) }
```

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

```
.background{ background-color: rgb(139,  
137, 194) }
```

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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