

Converting Colors

XYZ(29.9031, 26.9232, 52.9110)

Have a look what the booklet for
XYZ(29.9031, 26.9232, 52.9110)
contains.

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Color

**XYZ(29.9617, 27.0148,
52.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	9386BF
RGB	147, 134, 191
RGB Percent	58%, 53%, 75%
CMY	0.4235, 0.4745, 0.2510
CMYK	0.23, 0.30, 0.00, 0.25
HSL	254°, 31%, 64%
HSV	254°, 30%, 75%
XYZ	29.9617, 27.0148, 52.9254
YIQ	144.3850, -10.5490, 20.4830

Conversions

Conversions Part 2

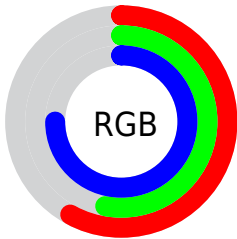
Format	Color
RYB	147, 134, 191
Decimal	9668287
CIELab	58.99, 17.06, -27.96
CIElCh	59, 32.758, 301.392
Yxy	27.0148, 0.2726, 0.2458
Android (android.graphics.Color)	4287858367 (0xFF9386BF)
YUV	144.3850, 22.9812, 2.2934
Hunter-Lab	51.9758, 11.9397, -23.9902

Details

The XYZ color **29.9617, 27.0148, 52.9254** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.2946, 48.4483, 29.7303**, and the grayscale version is **26.5784, 27.9626, 30.4512**.

A 20% lighter version of the original color is **59.0707, 54.8745, 96.2854**, and **12.4050, 10.5797, 25.0552** is the 20% darker color. If you saturate the color by 10%, you get **25.0799, 20.9273, 52.0082**, and if you desaturate by 10%, it is **35.6610, 34.2326, 54.0187**.

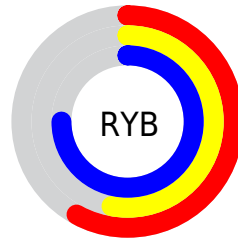
Distribution



Red (58%)

Green (53%)

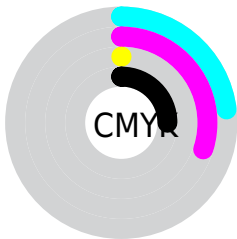
Blue (75%)



Red (58%)

Yellow (53%)

Blue (75%)

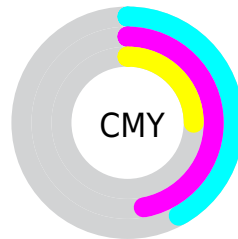


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9617, 27.0148, 52.9254 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 29.9617, 27.0148, 52.9254 by changing the saturation by 10% instead.

■ 29.9617, 27.0148,
52.9254

■ 29.9617, 27.0148,
52.9254

293.6389,
287.7288, 415.0570

■ 19.9574, 17.5843,
37.3559

■ 58.9886, 54.9076,
95.9350

■ 12.4722, 10.6520,
25.1852

■ 78.7421, 74.1388,
124.2122

■ 7.1406, 5.8333,
15.9948

■ 102.4759, 97.4056,
157.5624

■ 3.5973, 2.7440,
9.3662

130.5555,
125.0925, 196.4041

■ 1.4769, 0.9996,
4.8807

163.3463,
157.5839, 241.1559

■ 0.3101, 0.0000,
2.1199

201.2135,

■ 0.0000, 0.0000,

195.2641, 292.2363

0.6276

244.5226,
238.5176, 350.0638

■ 0.0000, 0.0000,
0.0000

■ 29.9617, 27.0148,
52.9254

■ 29.9617, 27.0148,
52.9254

■ 25.0799, 20.9273,
52.0082

■ 35.6610, 34.2326,
54.0187

■ 20.9744, 15.9091,
51.2559

■ 42.2108, 42.6314,
55.2946

■ 17.6044, 11.8979,
50.6593

■ 49.6458, 52.2623,
56.7617

■ 14.9242, 8.8238,
50.2072

■ 57.9978, 63.1728,
58.4274

■ 12.8825, 6.6077,
49.8871

■ 67.2970, 75.4077,
60.2988

■ 11.4202, 5.1569,
49.6841

■ 77.5722, 89.0096,
62.3827

■ 10.4373, 4.2991,
49.5703

■ 84.6636, 95.6444,
63.2896

■ 10.4240, 4.2874,
49.5688

■ 86.4040, 96.5416,
63.3710

Harmonies

Analogous

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



25.8669, 27.0148, 57.9056



29.9617, 27.0148, 52.9254



33.1584, 27.0148, 41.4712

Triad

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



29.9617, 27.0148, 52.9254



29.5991, 27.0148, 13.8283



18.6363, 27.0148, 29.9610

Complementary

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



29.9617, 27.0148, 52.9254



41.2946, 48.4483, 29.7303

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.



19.4147, 27.0148, 19.9553



29.9617, 27.0148, 52.9254



25.4876, 27.0148, 12.2465

Square

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



29.9617, 27.0148, 52.9254



32.9340, 27.0148, 19.2378



21.8212, 27.0148, 14.1593



19.5726, 27.0148, 42.6653

Rectangle

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



29.9617, 27.0148, 52.9254



34.1949, 27.0148, 32.8895



21.8212, 27.0148, 14.1593



18.7055, 27.0148, 26.1934

Sweetspot

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



29.9626, 27.0159, 52.9260



76.4781, 77.4857, 99.2045



35.2863, 40.9307, 55.3313



16.3891, 16.4934, 21.7050



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.



29.9626, 27.0159, 52.9260



47.6224, 40.8322, 93.6506



35.5754, 29.9094, 53.1887



9.2147, 9.3275, 11.9869



6.9098, 2.8482, 32.5785



0.3294, 0.1419, 1.2789

Inverse Universe

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



38.0475, 31.3419, 46.1643



64.6309, 49.9437, 78.9365



35.5400, 45.4817, 29.4610



9.8343, 9.6580, 11.5165



17.6357, 8.6854, 19.1729



0.7141, 0.3495, 0.8735

Previews

White Background



This preview shows how the XYZ color 29.9617, 27.0148, 52.9254 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 29.9617, 27.0148, 52.9254 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 29.9617, 27.0148, 52.9254

Background



This preview shows how black text looks on a background with the XYZ color 29.9617, 27.0148, 52.9254.



This preview shows how white text looks on a background with the XYZ color 29.9617, 27.0148,

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

29.9617, 27.0148, 52.9254

Protanopia

27.7993, 27.1017, 55.9905

Deuteranopia

27.7256, 27.1410, 52.4926



Tritanopia

26.0899, 26.9251, 33.9590

Trichromacy



Original Color

29.9617, 27.0148, 52.9254

Protanomaly

28.4989, 27.0585, 54.7597

Deuteranomaly

28.5361, 27.1289, 52.4476

Tritanomaly

27.3912, 26.8066, 40.2897

Monochromacy



Original Color

29.9617, 27.0148, 52.9254

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.4882, 27.3491, 37.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9617, 27.0148, 52.9254 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(147, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.9617, 27.0148, 52.9254 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(147, 134, 191) }
```


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

```
.border{ border-color:rgb(147, 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(147, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9617, 27.0148, 52.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 191) }
```

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

```
.background{ background-color: rgb(147,  
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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