

Converting Colors

XYZ(30.0603, 27.3409, 52.2483)

Have a look what the booklet for
XYZ(30.0603, 27.3409, 52.2483)
contains.

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Color

**XYZ(29.9909, 27.2487,
52.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	9387BE
RGB	147, 135, 190
RGB Percent	58%, 53%, 75%
CMY	0.4235, 0.4706, 0.2549
CMYK	0.23, 0.29, 0.00, 0.25
HSL	253°, 30%, 64%
HSV	253°, 29%, 75%
XYZ	29.9909, 27.2487, 52.3940
YIQ	144.8580, -10.5030, 19.6490

Conversions

Conversions Part 2

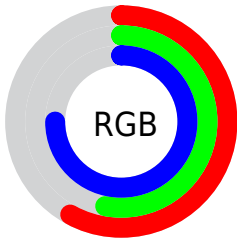
Format	Color
R_{YB}	147, 135, 190
Decimal	9668542
CIE _{Lab}	59.20, 16.24, -27.06
CIE _{LCh}	59, 31.563, 300.973
Yxy	27.2487, 0.2736, 0.2485
Android (android.graphics.Color)	4287858622 (0xFF9387BE)
YUV	144.8580, 22.2550, 1.8785
Hunter-Lab	52.2003, 11.2040, -22.9698

Details

The XYZ color **29.9909, 27.2487, 52.3940** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.1474, 48.0417, 30.0271**, and the grayscale version is **26.7724, 28.1666, 30.6735**.

A 20% lighter version of the original color is **58.9749, 55.1768, 94.7307**, and **12.4117, 10.7075, 24.7051** is the 20% darker color. If you saturate the color by 10%, you get **25.0789, 21.1267, 51.4717**, and if you desaturate by 10%, it is **35.7217, 34.4964, 53.4914**.

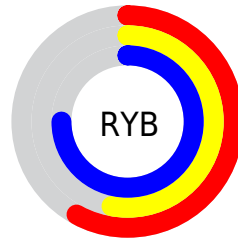
Distribution



Red (58%)

Green (53%)

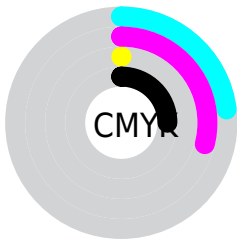
Blue (75%)



Red (58%)

Yellow (53%)

Blue (75%)

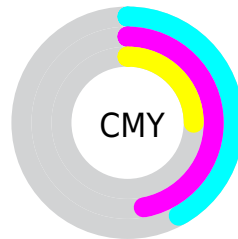


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9909, 27.2487, 52.3940 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 29.9909, 27.2487, 52.3940 by changing the saturation by 10% instead.

■ 29.9909, 27.2487,
52.3940

■ 29.9909, 27.2487,
52.3940

293.7726,
288.8593, 412.9559

■ 19.9797, 17.7601,
36.9348

■ 59.0345, 55.2827,
95.1445

■ 12.4885, 10.7779,
24.8616

■ 78.7977, 74.5969,
123.2730

■ 7.1518, 5.9177,
15.7559

■ 102.5422, 97.9550,
156.4616

■ 3.6044, 2.7951,
9.1991

130.6334,
125.7415, 195.1289

■ 1.4809, 1.0257,
4.7727

163.4367,
158.3408, 239.6934

■ 0.3128, 0.0000,
2.0581

201.3174,

■ 0.0000, 0.0000,

196.1373, 290.5738

0.5907

244.6410,
239.5153, 348.1884

■ 0.0000, 0.0000,
0.0000

■ 29.9909, 27.2487,
52.3940

■ 29.9909, 27.2487,
52.3940

■ 25.0789, 21.1267,
51.4717

■ 35.7217, 34.4964,
53.4914

■ 20.9449, 16.0699,
50.7135

■ 42.3044, 42.9194,
54.7702

■ 17.5483, 12.0174,
50.1103

■ 49.7733, 52.5684,
56.2390

■ 14.8437, 8.9004,
49.6512

■ 58.1600, 63.4900,
57.9051

■ 12.7804, 6.6414,
49.3239

■ 67.4948, 75.7287,
59.7754

■ 11.3002, 5.1500,
49.1141

■ 77.8064, 89.3264,
61.8565

■ 10.3132, 4.2752,
48.9973

■ 84.8325, 95.7441,
62.7249

■ 10.2270, 4.1986,
48.9870

■ 86.2943, 96.4977,
62.7934

Harmonies

Analogous

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



26.0278, 27.2487, 57.0338



29.9909, 27.2487, 52.3940



33.0935, 27.2487, 41.4732

Triad

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



29.9909, 27.2487, 52.3940



29.7462, 27.2487, 14.4702



19.0472, 27.2487, 30.0386

Complementary

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



29.9909, 27.2487, 52.3940



41.1474, 48.0417, 30.0271

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.



19.8311, 27.2487, 20.3488



29.9909, 27.2487, 52.3940



25.7708, 27.2487, 12.8504

Square

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



29.9909, 27.2487, 52.3940



32.9424, 27.2487, 19.8572



22.1975, 27.2487, 14.6994



19.9388, 27.2487, 42.2750

Rectangle

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



29.9909, 27.2487, 52.3940



34.1124, 27.2487, 33.2003



22.1975, 27.2487, 14.6994



19.1228, 27.2487, 26.3978

Sweetspot

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



29.9918, 27.2498, 52.3946



76.4074, 77.4493, 99.2012



35.2237, 40.7433, 54.7234



16.3714, 16.4843, 21.7042



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.



29.9918, 27.2498, 52.3946



48.2933, 41.8123, 93.8044



35.5076, 30.0933, 52.6528



9.2059, 9.3230, 11.9865



6.8563, 2.8206, 32.5760



0.3257, 0.1399, 1.2787

Inverse Universe

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



37.9358, 31.4904, 46.1989



65.2551, 50.8770, 80.1160



35.4727, 45.1163, 29.7615



9.8384, 9.6597, 11.5381



17.7334, 8.7245, 19.6876



0.7172, 0.3508, 0.8899

Previews

White Background



This preview shows how the XYZ color 29.9909, 27.2487, 52.3940 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 29.9909, 27.2487, 52.3940 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 29.9909, 27.2487, 52.3940

Background



This preview shows how black text looks on a background with the XYZ color 29.9909, 27.2487, 52.3940.



This preview shows how white text looks on a background with the XYZ color 29.9909, 27.2487,

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

29.9909, 27.2487, 52.3940

Protanopia

28.0149, 27.4568, 54.8621

Deuteranopia

27.9235, 27.2556, 51.9332



Tritanopia

26.2380, 27.2214, 34.0083

Trichromacy



Original Color

29.9909, 27.2487, 52.3940

Protanomaly

28.6898, 27.3838, 54.2256

Deuteranomaly

28.5903, 27.1694, 51.8815

Tritanomaly

27.4432, 27.0581, 39.8527

Monochromacy



Original Color

29.9909, 27.2487, 52.3940

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8120, 27.7340, 37.6056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9909, 27.2487, 52.3940 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, 135, 190)` looks like.

```
.text, #text, p{  
    color:rgb(147, 135, 190)  
}
```

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, 135, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 135, 190) }
```

Border

The CSS property to change the border of an element to XYZ 29.9909, 27.2487, 52.3940 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, 135, 190) }
```


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

```
.border{ border-color:rgb(147, 135, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 135, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 135, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 135, 190);  
box-shadow:4px 4px 4px 4px rgb(147, 135,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9909, 27.2487, 52.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 135, 190) }
```

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

```
.background{ background-color: rgb(147,  
135, 190) }
```

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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