

Converting Colors

XYZ(29.0047, 26.6745, 53.8871)

Have a look what the booklet for
XYZ(29.0047, 26.6745, 53.8871)
contains.

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Color

**XYZ(29.1048, 26.7537,
54.0821)**

Conversions

Conversions Part 1

Format	Color
Hex	8C87C1
RGB	140, 135, 193
RGB Percent	55%, 53%, 76%
CMY	0.4510, 0.4706, 0.2431
CMYK	0.27, 0.30, 0.00, 0.24
HSL	245°, 32%, 64%
HSV	245°, 30%, 76%
XYZ	29.1048, 26.7537, 54.0821
YIQ	143.1070, -15.6380, 19.0980

Conversions

Conversions Part 2

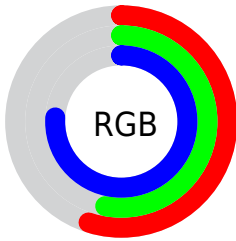
Format	Color
R_{YB}	140, 135, 193
Decimal	9209793
CIE _{Lab}	58.75, 14.83, -29.52
CIE _{LCh}	59, 33.035, 296.679
Yxy	26.7537, 0.2647, 0.2433
Android (android.graphics.Color)	4287399873 (0xFF8C87C1)
YUV	143.1070, 24.5972, -2.7248
Hunter-Lab	51.7240, 9.9240, -25.7863

Details

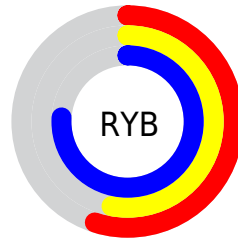
The XYZ color **29.1048, 26.7537, 54.0821** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1831, 50.5813, 30.3573**, and the grayscale version is **26.0612, 27.4185, 29.8587**.

A 20% lighter version of the original color is **57.7442, 54.4707, 97.9129**, and **11.9332, 10.4358, 25.8115** is the 20% darker color. If you saturate the color by 10%, you get **23.9148, 20.4370, 53.1369**, and if you desaturate by 10%, it is **35.2610, 34.2942, 55.2136**.

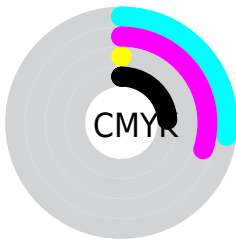
Distribution



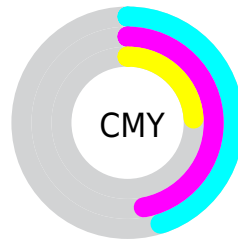
- Red (55%)
- Green (53%)
- Blue (76%)



- Red (55%)
- Yellow (53%)
- Blue (76%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (45%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1048, 26.7537, 54.0821 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 29.1048, 26.7537, 54.0821 by changing the saturation by 10% instead.

■ 29.1048, 26.7537,
54.0821

■ 29.1048, 26.7537,
54.0821

289.6944,
286.4626, 419.6065

■ 19.3048, 17.3883,
38.2737

■ 57.6400, 54.4884,
97.6524

■ 11.9960, 10.5117,
25.8917

■ 77.1058, 73.6265,
126.2514

■ 6.8132, 5.7396,
16.5176

■ 100.5243, 96.7910,
159.9509

■ 3.3908, 2.6874,
9.7328

128.2609,
124.3662, 199.1696

■ 1.3636, 0.9708,
5.1189

160.6808,
156.7366, 244.3260

■ 0.2301, 0.0000,
2.2572

198.1495,

■ 0.0000, 0.0000,

194.2865, 295.8385

0.7071

241.0322,
237.4004, 354.1259

■ 0.0000, 0.0000,
0.0000

■ 29.1048, 26.7537,
54.0821

■ 29.1048, 26.7537,
54.0821

■ 23.9148, 20.4370,
53.1369

■ 35.2610, 34.2942,
55.2136

■ 19.6394, 15.2766,
52.3661

■ 42.4263, 43.1152,
56.5385

■ 16.2259, 11.2031,
51.7598

■ 50.6442, 53.2734,
58.0661

■ 13.6156, 8.1385,
51.3058

■ 59.9549, 64.8214,
59.8044

■ 11.7419, 5.9942,
50.9907

■ 70.3965, 77.8087,
61.7609

■ 10.5278, 4.6661,
50.7983

■ 82.0051, 92.2827,
63.9428

■ 9.8504, 3.9661,
50.6989

■ 86.6257, 96.6303,
64.5384

Harmonies

Analogous

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



24.9781, 26.7537, 57.7060



29.1048, 26.7537, 54.0821



32.5408, 26.7537, 43.2505

Triad

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



29.1048, 26.7537, 54.0821



29.9721, 26.7537, 14.1345



18.3917, 26.7537, 27.8516

Complementary

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



29.1048, 26.7537, 54.0821



44.1831, 50.5813, 30.3573

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.



19.4364, 26.7537, 18.4757



29.1048, 26.7537, 54.0821



25.8844, 26.7537, 12.0010

Square

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



29.1048, 26.7537, 54.0821



33.0778, 26.7537, 20.1852



22.0758, 26.7537, 13.3481



19.0601, 26.7537, 40.3905

Rectangle

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



29.1048, 26.7537, 54.0821



33.8250, 26.7537, 34.6027



22.0758, 26.7537, 13.3481



18.5512, 26.7537, 24.2675

Sweetspot

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



29.1057, 26.7548, 54.0827



77.2448, 78.7733, 101.4938



37.6370, 45.0396, 57.1624



16.1372, 16.3636, 21.6933



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.



29.1057, 26.7548, 54.0827



45.8819, 40.3061, 95.7219



34.6170, 29.5959, 54.3406



9.6070, 9.7886, 12.6679



6.5809, 2.6530, 33.7218



0.3124, 0.1291, 1.4583

Inverse Universe

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



39.7343, 32.2973, 51.7179



67.9972, 51.8445, 90.5426



37.7751, 47.2779, 30.0574



10.4586, 10.2321, 12.5057



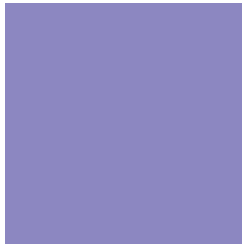
19.8786, 9.6412, 28.3362



0.8701, 0.4211, 1.2834

Previews

White Background



This preview shows how the XYZ color 29.1048, 26.7537, 54.0821 looks on a white background.

Color Contrast Check

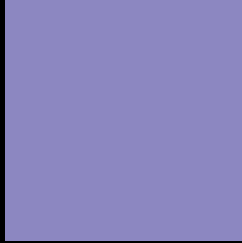
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1048, 26.7537, 54.0821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

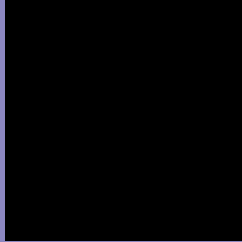
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1048, 26.7537, 54.0821

Background



This preview shows how black text looks on a background with the XYZ color 29.1048, 26.7537, 54.0821.



This preview shows how white text looks on a background with the XYZ color 29.1048, 26.7537,

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

29.1048, 26.7537, 54.0821

Protanopia

27.5086, 26.7358, 55.9352

Deuteranopia

27.3512, 26.7066, 53.5825



Tritanopia

25.1709, 26.8835, 34.4342

Trichromacy



Original Color

29.1048, 26.7537, 54.0821

Protanomaly

28.1447, 26.8629, 55.3314

Deuteranomaly

27.9630, 26.8080, 53.5698

Tritanomaly

26.4376, 26.7342, 40.8126

Monochromacy



Original Color

29.1048, 26.7537, 54.0821

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.9664, 27.0802, 37.5239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1048, 26.7537, 54.0821 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(140, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(140, 135, 193)  
}
```

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(140, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 135, 193) }
```

Border

The CSS property to change the border of an element to XYZ 29.1048, 26.7537, 54.0821 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(140, 135, 193) }
```


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

```
.border{ border-color:rgb(140, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 135, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 135, 193);  
box-shadow:4px 4px 4px 4px rgb(140, 135,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1048, 26.7537, 54.0821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 135, 193) }
```

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

```
.background{ background-color: rgb(140,  
135, 193) }
```

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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