

Converting Colors

XYZ(29.0795, 27.2850, 50.0730)

Have a look what the booklet for
XYZ(29.0795, 27.2850, 50.0730)
contains.

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Color

**XYZ(29.1363, 27.2761,
50.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	8F89BA
RGB	143, 137, 186
RGB Percent	56%, 54%, 73%
CMY	0.4392, 0.4627, 0.2706
CMYK	0.23, 0.26, 0.00, 0.27
HSL	247°, 26%, 63%
HSV	247°, 26%, 73%
XYZ	29.1363, 27.2761, 50.1835
YIQ	144.3800, -12.1530, 16.5110

Conversions

Conversions Part 2

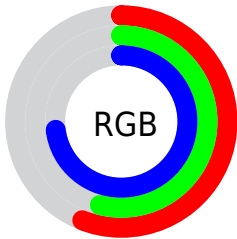
Format	Color
R_{YB}	143, 137, 186
Decimal	9406906
CIE _{Lab}	59.23, 12.87, -24.78
CIE _{LCh}	59, 27.926, 297.444
Yxy	27.2761, 0.2733, 0.2559
Android (android.graphics.Color)	4287596986 (0xFF8F89BA)
YUV	144.3800, 20.5187, -1.2103
Hunter-Lab	52.2265, 8.1857, -20.4121

Details

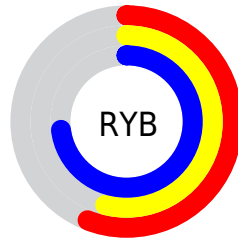
The XYZ color **29.1363, 27.2761, 50.1835** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.8973, 46.6278, 30.5125**, and the grayscale version is **26.5865, 27.9710, 30.4605**.

A 20% lighter version of the original color is **57.4664, 55.1080, 91.6125**, and **12.0555, 10.7852, 23.6367** is the 20% darker color. If you saturate the color by 10%, you get **24.0938, 21.0846, 49.2547**, and if you desaturate by 10%, it is **35.0476, 34.5933, 51.2848**.

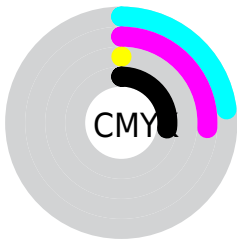
Distribution



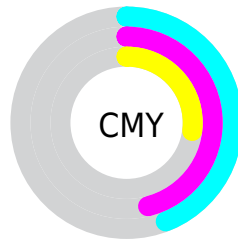
- Red (56%)
- Green (54%)
- Blue (73%)



- Red (56%)
- Yellow (54%)
- Blue (73%)



- Cyan (23%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1363, 27.2761, 50.1835 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 29.1363, 27.2761, 50.1835 by changing the saturation by 10% instead.

■ 29.1363, 27.2761,
50.1835

■ 29.1363, 27.2761,
50.1835

289.8401,
288.9915, 404.1387

■ 19.3288, 17.7807,
35.1870

■ 57.6896, 55.3266,
91.8458

■ 12.0135, 10.7926,
23.5223

■ 77.1661, 74.6505,
119.3487

■ 6.8251, 5.9276,
14.7707

■ 100.5963, 98.0193,
151.8575

■ 3.3983, 2.8011,
8.5138

128.3456,
125.8175, 189.7907

■ 1.3677, 1.0288,
4.3330

160.7792,
158.4294, 233.5669

■ 0.2331, 0.0000,
1.8097

198.2626,

■ 0.0000, 0.0000,

196.2394, 283.6046

0.4344

241.1611,
239.6320, 340.3224

■ 0.0000, 0.0000,
0.0000

■ 29.1363, 27.2761,
50.1835

■ 29.1363, 27.2761,
50.1835

■ 24.0938, 21.0846,
49.2547

■ 35.0476, 34.5933,
51.2848

■ 19.8762, 15.9597,
48.4877

■ 41.8632, 43.0849,
52.5646

■ 16.4402, 11.8417,
47.8740

■ 49.6201, 52.8007,
54.0311

■ 13.7369, 8.6639,
47.4031

■ 58.3524, 63.7867,
55.6914

■ 11.7123, 6.3513,
47.0634

■ 68.0922, 76.0864,
57.5521

■ 10.3044, 4.8172,
46.8415

■ 78.8706, 89.7414,
59.6197

■ 9.4363, 3.9504,
46.7199

■ 85.8630, 96.3252,
60.5220

■ 9.2112, 3.7247,
46.6882

Harmonies

Analogous

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



25.6275, 27.2761, 53.2806



29.1363, 27.2761, 50.1835



31.9905, 27.2761, 41.2643

Triad

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



29.1363, 27.2761, 50.1835



29.6992, 27.2761, 16.2870



19.7928, 27.2761, 28.8516

Complementary

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



29.1363, 27.2761, 50.1835



40.8973, 46.6278, 30.5125

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.



20.6794, 27.2761, 20.5259



29.1363, 27.2761, 50.1835



26.2250, 27.2761, 14.3615

Square

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



29.1363, 27.2761, 50.1835



32.3354, 27.2761, 21.7063



22.9590, 27.2761, 15.7205



20.4235, 27.2761, 39.4464

Rectangle

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



29.1363, 27.2761, 50.1835



33.0281, 27.2761, 34.0677



22.9590, 27.2761, 15.7205



19.9213, 27.2761, 25.7208

Sweetspot

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



29.1372, 27.2772, 50.1841



73.5447, 75.1784, 94.8361



35.5587, 41.6212, 52.6144



15.7697, 16.0239, 20.8043



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.1372, 27.2772, 50.1841



46.9762, 42.2630, 89.8831



33.7916, 29.6766, 50.4019



8.6206, 8.7708, 11.3180



6.2322, 2.5240, 31.4118



0.2532, 0.1062, 1.1089

Inverse Universe

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



37.4343, 31.6267, 47.3122



64.7837, 51.6038, 83.4557



35.7434, 43.9709, 30.2713



9.3323, 9.1433, 11.0974



18.1032, 8.8150, 24.2279



0.6516, 0.3161, 0.9248

Previews

White Background



This preview shows how the XYZ color 29.1363, 27.2761, 50.1835 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 29.1363, 27.2761, 50.1835 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 29.1363, 27.2761, 50.1835

Background



This preview shows how black text looks on a background with the XYZ color 29.1363, 27.2761, 50.1835.



This preview shows how white text looks on a background with the XYZ color 29.1363, 27.2761,

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

29.1363, 27.2761, 50.1835

Protanopia

27.7634, 27.3910, 51.9678

Deuteranopia

27.8079, 27.2455, 49.6922



Tritanopia

25.9717, 27.2964, 34.4717

Trichromacy



Original Color

29.1363, 27.2761, 50.1835

Protanomaly

28.2867, 27.4553, 51.3855

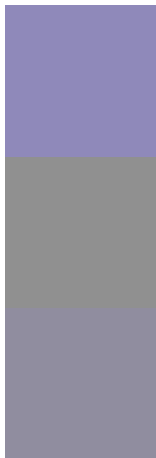
Deuteranomaly

28.3061, 27.2864, 49.6738

Tritanomaly

27.0553, 27.2919, 39.9183

Monochromacy



Original Color

29.1363, 27.2761, 50.1835

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2845, 27.4822, 36.6674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1363, 27.2761, 50.1835 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(143, 137, 186)` looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 186)  
}
```

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(143, 137, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.1363, 27.2761, 50.1835 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(143, 137, 186) }
```


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

```
.border{ border-color:rgb(143, 137, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 137, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 137, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 137, 186);  
box-shadow:4px 4px 4px 4px rgb(143, 137,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1363, 27.2761, 50.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 186) }
```

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

```
.background{ background-color: rgb(143,  
137, 186) }
```

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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