

Converting Colors

XYZ(29.2595, 25.9938, 49.1518)

Have a look what the booklet for
XYZ(29.2595, 25.9938, 49.1518)
contains.

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Color

**XYZ(29.3173, 25.9521,
49.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	9682B9
RGB	150, 130, 185
RGB Percent	59%, 51%, 73%
CMY	0.4118, 0.4902, 0.2745
CMYK	0.19, 0.30, 0.00, 0.27
HSL	262°, 28%, 62%
HSV	262°, 30%, 73%
XYZ	29.3173, 25.9521, 49.3630
YIQ	142.2500, -5.7350, 21.3450

Conversions

Conversions Part 2

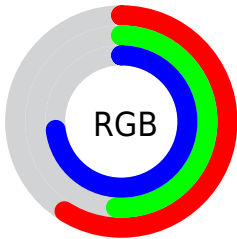
Format	Color
R_{YB}	150, 130, 185
Decimal	9863865
CIE _{Lab}	57.99, 18.90, -26.07
CIE _{LCh}	58, 32.201, 305.942
Yxy	25.9521, 0.2802, 0.2480
Android (android.graphics.Color)	4288053945 (0xFF9682B9)
YUV	142.2500, 21.0757, 6.7968
Hunter-Lab	50.9432, 13.5743, -21.7906

Details

The XYZ color **29.3173, 25.9521, 49.3630** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.8960, 44.3096, 27.7282**, and the grayscale version is **25.7316, 27.0717, 29.4811**.

A 20% lighter version of the original color is **57.9875, 53.1970, 90.4309**, and **12.1443, 10.1475, 23.1484** is the 20% darker color. If you saturate the color by 10%, you get **25.0157, 20.4047, 48.5194**, and if you desaturate by 10%, it is **34.2807, 32.4987, 50.3654**.

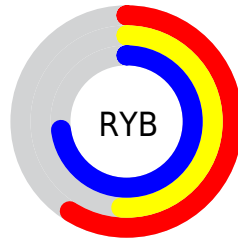
Distribution



Red (59%)

Green (51%)

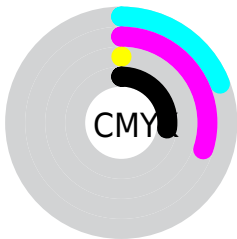
Blue (73%)



Red (59%)

Yellow (51%)

Blue (73%)

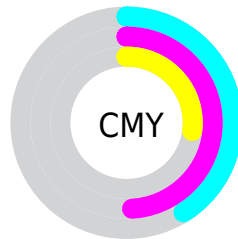


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3173, 25.9521, 49.3630 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 29.3173, 25.9521, 49.3630 by changing the saturation by 10% instead.

■ 29.3173, 25.9521,
49.3630

■ 29.3173, 25.9521,
49.3630

290.6764,
282.5469, 400.8331

■ 19.4665, 16.7878,
34.5399

■ 57.9749, 53.1977,
90.6169

■ 12.1138, 10.0833,
23.0280

■ 77.5124, 72.0477,
117.8848

■ 6.8940, 5.4542,
14.4087

■ 101.0095, 94.8952,
150.1380

■ 3.4416, 2.5162,
8.2635

128.8315,
122.1244, 187.7951

■ 1.3914, 0.8847,
4.1738

161.3439,
154.1198, 231.2746

■ 0.2501, 0.0000,
1.7212

198.9119,

■ 0.0000, 0.0000,

191.2657, 280.9951

0.3752

241.9010,
233.9466, 337.3751

■ 0.0000, 0.0000,
0.0000

■ 29.3173, 25.9521,
49.3630

■ 29.3173, 25.9521,
49.3630

■ 25.0157, 20.4047,
48.5194

■ 34.2807, 32.4987,
50.3654

■ 21.3433, 15.8025,
47.8246

■ 39.9313, 40.0883,
51.5326

■ 18.2682, 12.0912,
47.2704

■ 46.2965, 48.7660,
52.8720

■ 15.7546, 9.2097,
46.8467

■ 53.4012, 58.5731,
54.3906

■ 13.7624, 7.0886,
46.5422

■ 61.2689, 69.5491,
56.0945

■ 12.2449, 5.6466,
46.3439

■ 69.9224, 81.7311,
57.9897

■ 11.1180, 4.7281,
46.2260

■ 77.9296, 92.2476,
59.5976

■ 11.0905, 4.7058,
46.2231

■ 81.8894, 94.2890,
59.7829

■ 85.7570, 96.2828,
59.9639

Harmonies

Analogous

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



25.4483, 25.9521, 55.3310



29.3173, 25.9521, 49.3630



32.1376, 25.9521, 37.9089

Triad

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



29.3173, 25.9521, 49.3630



27.8396, 25.9521, 12.8758



17.9566, 25.9521, 30.5310

Complementary

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



29.3173, 25.9521, 49.3630



36.8960, 44.3096, 27.7282

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.



18.4538, 25.9521, 20.4011



29.3173, 25.9521, 49.3630



23.9013, 25.9521, 11.8706

Square

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



29.3173, 25.9521, 49.3630



31.2237, 25.9521, 17.4665



20.5359, 25.9521, 14.2325



19.0986, 25.9521, 42.7702

Rectangle

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



29.3173, 25.9521, 49.3630



32.8953, 25.9521, 29.7989



20.5359, 25.9521, 14.2325



17.9393, 25.9521, 26.7701

Sweetspot

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



29.3182, 25.9532, 49.3636



72.1431, 72.6463, 92.4244



31.5546, 35.4311, 51.0751



15.2177, 15.2079, 19.8550



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.3182, 25.9532, 49.3636



47.0979, 39.4775, 87.3422



34.8149, 28.7868, 49.6208



8.8212, 8.8742, 11.3274



7.6252, 3.2422, 31.4770



0.3379, 0.1499, 1.1129

Inverse Universe

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



34.7825, 28.9972, 39.3620



58.7163, 45.9590, 65.6583



31.9017, 41.7349, 27.4945



9.2386, 9.1058, 10.6038



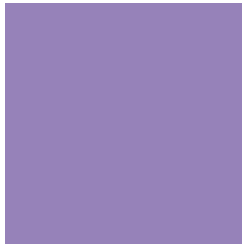
15.8749, 7.9237, 12.4938



0.5882, 0.2908, 0.5910

Previews

White Background



This preview shows how the XYZ color 29.3173, 25.9521, 49.3630 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 29.3173, 25.9521, 49.3630 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 29.3173, 25.9521, 49.3630

Background



This preview shows how black text looks on a background with the XYZ color 29.3173, 25.9521, 49.3630.



This preview shows how white text looks on a background with the XYZ color 29.3173, 25.9521,

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

29.3173, 25.9521, 49.3630

Protanopia

26.8046, 26.2236, 52.9391

Deuteranopia

26.6507, 26.0191, 48.9650



Tritanopia

25.7926, 25.9587, 31.6681

Trichromacy



Original Color

29.3173, 25.9521, 49.3630

Protanomaly

27.5221, 25.9886, 51.7098

Deuteranomaly

27.4934, 25.8293, 48.8839

Tritanomaly

26.8122, 25.7344, 37.2723

Monochromacy



Original Color

29.3173, 25.9521, 49.3630

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9371, 26.6653, 36.0749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3173, 25.9521, 49.3630 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(150, 130, 185)` looks like.

```
.text, #text, p{  
    color:rgb(150, 130, 185)  
}
```

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(150, 130, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 130, 185) }
```

Border

The CSS property to change the border of an element to XYZ 29.3173, 25.9521, 49.3630 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(150, 130, 185) }
```


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

```
.border{ border-color:rgb(150, 130, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 130, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 130, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 130, 185);  
box-shadow:4px 4px 4px 4px rgb(150, 130,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3173, 25.9521, 49.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 130, 185) }
```

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

```
.background{ background-color: rgb(150,  
130, 185) }
```

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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