

Converting Colors

XYZ(29.1830, 26.1210, 38.6216)

Have a look what the booklet for
XYZ(29.1830, 26.1210, 38.6216)
contains.

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Color

**XYZ(29.1807, 26.1192,
38.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	A082A4
RGB	160, 130, 164
RGB Percent	63%, 51%, 64%
CMY	0.3725, 0.4902, 0.3569
CMYK	0.02, 0.21, 0.00, 0.36
HSL	293°, 16%, 58%
HSV	293°, 21%, 64%
XYZ	29.1807, 26.1192, 38.6255
YIQ	142.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

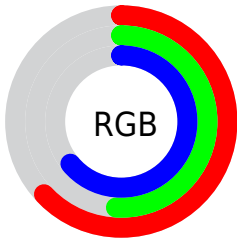
Format	Color
R_{YB}	160, 130, 164
Decimal	10519204
CIE _{Lab}	58.15, 17.69, -13.73
CIE _{LCh}	58, 22.398, 322.177
Yxy	26.1192, 0.3107, 0.2781
Android (android.graphics.Color)	4288709284 (0xFFA082A4)
YUV	142.8460, 10.4289, 15.0441
Hunter-Lab	51.1069, 12.4816, -9.0352

Details

The XYZ color **29.1807, 26.1192, 38.6255** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.1372, 33.2316, 26.1045**, and the grayscale version is **26.0055, 27.3598, 29.7948**.

A 20% lighter version of the original color is **57.7440, 53.4285, 74.2871**, and **11.9776, 10.0953, 16.6465** is the 20% darker color. If you saturate the color by 10%, you get **26.7883, 21.9022, 37.9380**, and if you desaturate by 10%, it is **31.9284, 31.0370, 39.4303**.

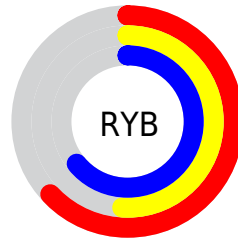
Distribution



Red (63%)

Green (51%)

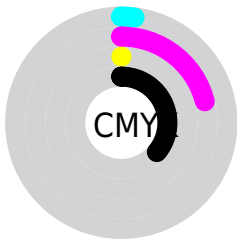
Blue (64%)



Red (63%)

Yellow (51%)

Blue (64%)

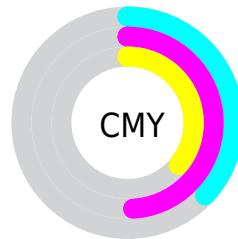


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1807, 26.1192, 38.6255 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 29.1807, 26.1192, 38.6255 by changing the saturation by 10% instead.

■ 29.1807, 26.1192,
38.6255

■ 29.1807, 26.1192,
38.6255

290.0454,
283.3667, 355.6740

■ 19.3625, 16.9128,
26.1629

■ 57.7596, 53.4672,
74.2799

■ 12.0381, 10.1724,
16.7187

■ 77.2511, 72.3776,
98.3088

■ 6.8420, 5.5134,
9.8743

■ 100.6977, 95.2915,
127.0302

■ 3.4089, 2.5515,
5.2112

128.4648,
122.5932, 160.8627

■ 1.3735, 0.9024,
2.3108

160.9178,
154.6672, 200.2247

■ 0.2372, 0.0000,
0.7373

198.4220,

■ 0.0000, 0.0000,

191.8979, 245.5349

0.0000

241.3428,
234.6696, 297.2118

■ 29.1807, 26.1192,
38.6255

■ 29.1807, 26.1192,
38.6255

■ 26.7883, 21.9022,
37.9380

■ 31.9284, 31.0370,
39.4303

■ 24.7323, 18.3496,
37.3607

■ 35.0443, 36.6828,
40.3558

■ 22.9958, 15.4270,
36.8881

■ 38.5437, 43.0866,
41.4075

■ 21.5592, 13.0956,
36.5138

■ 42.4403, 50.2758,
42.5897

■ 20.4010, 11.3122,
36.2306

■ 46.7470, 58.2763,
43.9070

■ 19.4966, 10.0277,
36.0303

■ 51.4764, 67.1128,
45.3633

■ 18.8170, 9.1843,
35.9033

■ 56.6401, 76.8090,
46.9627

■ 18.3264, 8.6735,
35.8306

■ 60.2382, 83.3649,
48.0385

■ 60.6758, 83.5905,
48.0590

Harmonies

Analogous

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



26.8482, 26.1192, 44.6482



29.1807, 26.1192, 38.6255



30.3635, 26.1192, 30.5227

Triad

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



29.1807, 26.1192, 38.6255



25.5427, 26.1192, 16.0525



20.2992, 26.1192, 34.4631

Complementary

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



29.1807, 26.1192, 38.6255



27.1372, 33.2316, 26.1045

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.



20.0055, 26.1192, 26.4530



29.1807, 26.1192, 38.6255



22.9070, 26.1192, 16.7218

Square

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



29.1807, 26.1192, 38.6255



28.1656, 26.1192, 18.1908



20.9268, 26.1192, 20.2228



21.7605, 26.1192, 41.9560

Rectangle

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



29.1807, 26.1192, 38.6255



30.2848, 26.1192, 25.4014



20.9268, 26.1192, 20.2228



20.0652, 26.1192, 31.7103

Sweetspot

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



29.1815, 26.1203, 38.6261



60.4812, 60.9005, 72.3196



24.5069, 24.6254, 38.5839



13.1481, 13.1796, 15.7884



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.1815, 26.1203, 38.6261



50.8313, 43.6283, 69.4943



28.9226, 26.1107, 33.0221



7.2819, 7.1597, 8.9012



14.0776, 6.6638, 27.4740



0.3174, 0.1512, 0.5783

Inverse Universe

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



27.5965, 25.5802, 26.0384



47.4442, 42.4820, 42.2342



27.3999, 33.2645, 30.7529



7.1061, 7.0989, 7.5451



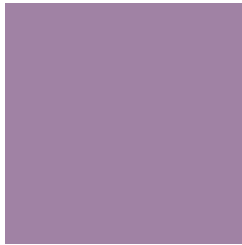
11.8408, 6.0924, 1.0863



0.2582, 0.1318, 0.0721

Previews

White Background



This preview shows how the XYZ color 29.1807, 26.1192, 38.6255 looks on a white background.

Color Contrast Check

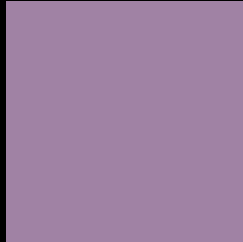
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1807, 26.1192, 38.6255 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 29.1807, 26.1192, 38.6255

Background



This preview shows how black text looks on a background with the XYZ color 29.1807, 26.1192, 38.6255.



This preview shows how white text looks on a background with the XYZ color 29.1807, 26.1192,

38.6255.

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

29.1807, 26.1192, 38.6255

Protanopia

26.1612, 26.3541, 41.7382

Deuteranopia

26.8842, 26.3753, 38.3243



Tritanopia

27.4638, 26.2319, 30.0013

Trichromacy



Original Color

29.1807, 26.1192, 38.6255

Protanomaly

27.1997, 26.2751, 40.6838

Deuteranomaly

27.5304, 26.0841, 38.2341

Tritanomaly

28.0740, 26.2785, 32.8708

Monochromacy



Original Color

29.1807, 26.1192, 38.6255

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0688, 26.8009, 33.0246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1807, 26.1192, 38.6255 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(160, 130, 164)` looks like.

```
.text, #text, p{  
    color:rgb(160, 130, 164)  
}
```

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(160, 130, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 130, 164) }
```

Border

The CSS property to change the border of an element to XYZ 29.1807, 26.1192, 38.6255 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(160, 130, 164) }
```


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

```
.border{ border-color:rgb(160, 130, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 130, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 130, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 130, 164);  
box-shadow:4px 4px 4px 4px rgb(160, 130,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1807, 26.1192, 38.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 130, 164) }
```

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

```
.background{ background-color: rgb(160,  
130, 164) }
```

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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