

Converting Colors

XYZ(29.6871, 24.4680, 28.8575)

Have a look what the booklet for
XYZ(29.6871, 24.4680, 28.8575)
contains.

XYZ(29.6108, 24.4938, 28.7583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.6108, 24.4938,
28.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	B1778E
RGB	177, 119, 142
RGB Percent	69%, 47%, 56%
CMY	0.3059, 0.5333, 0.4431
CMYK	0.00, 0.33, 0.20, 0.31
HSL	336°, 27%, 58%
HSV	336°, 33%, 69%
XYZ	29.6108, 24.4938, 28.7583
YIQ	138.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

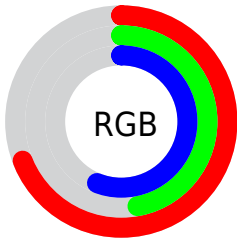
Format	Color
R_{YB}	177, 119, 142
Decimal	11630478
CIE _{Lab}	56.58, 26.11, -3.19
CIE _{LCh}	57, 26.308, 353.046
Yxy	24.4938, 0.3573, 0.2956
Android (android.graphics.Color)	4289820558 (0xFFB1778E)
YUV	138.9640, 1.4967, 33.3576
Hunter-Lab	49.4912, 20.1877, 0.1917

Details

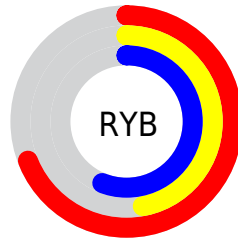
The XYZ color **29.6108, 24.4938, 28.7583** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.1637, 37.7000, 36.3135**, and the grayscale version is **24.5145, 25.7911, 28.0866**.

A 20% lighter version of the original color is **58.6480, 50.9830, 58.9742**, and **12.2903, 9.3640, 11.2849** is the 20% darker color. If you saturate the color by 10%, you get **26.9333, 20.3611, 24.0968**, and if you desaturate by 10%, it is **32.7589, 29.4441, 33.9564**.

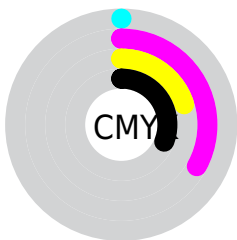
Distribution



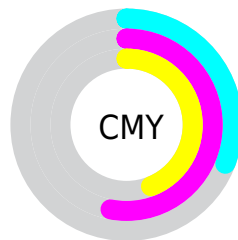
- Red (69%)
- Green (47%)
- Blue (56%)



- Red (69%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (20%)
- Black (31%)





- Cyan (31%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6108, 24.4938, 28.7583 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 29.6108, 24.4938, 28.7583 by changing the saturation by 10% instead.

 29.6108, 24.4938,
28.7583


 29.6108, 24.4938,
28.7583


292.0286,
275.3076, 310.0980

 19.6900, 15.7003,
18.6541


 58.4370, 50.8348,
58.7304

 12.2768, 9.3123,
11.2463

 78.0731, 69.1512,
79.4354

 7.0060, 4.9455,
6.1165

 101.6783, 91.4106,
104.5111

 3.5122, 2.2153,
2.8461

129.6179,
117.9974, 134.3759

 1.4301, 0.7283,
1.0166

162.2575,
149.2962, 169.4485

 0.2775, 0.0000,
0.0000

199.9622,

 0.0000, 0.0000,

185.6912, 210.1473

0.0000

243.0974,
227.5668, 256.8910

■ 29.6108, 24.4938,
28.7583

■ 29.6108, 24.4938,
28.7583

■ 26.9333, 20.3611,
24.0968

■ 32.7589, 29.4441,
33.9564

■ 24.7003, 16.9982,
19.9519

■ 36.3976, 35.2496,
39.7072

■ 22.8863, 14.3573,
16.3042


■ 40.5485, 41.9499,
46.0279


■ 21.4622, 12.3839,
13.1323


■ 45.2310, 49.5809,
52.9345


■ 20.3948, 11.0159,
10.4130


■ 50.4636, 58.1765,
60.4423


 19.6449, 10.1788,
8.1202

 56.2639, 67.7691,
68.5660

 19.2429, 9.7917,
6.7005

 62.6486, 78.3894,
77.3196

 67.8196, 86.4384,
86.1123

 69.3443, 87.0482,
94.1412

Harmonies

Analogous

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



28.2965, 24.4938, 38.1134



29.6108, 24.4938, 28.7583



29.1141, 24.4938, 20.6119

Triad

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



29.6108, 24.4938, 28.7583



21.0563, 24.4938, 13.9928



19.9253, 24.4938, 42.4957

Complementary

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



29.6108, 24.4938, 28.7583



29.1637, 37.7000, 36.3135

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.



18.2836, 24.4938, 33.8111



29.6108, 24.4938, 28.7583



18.8956, 24.4938, 17.7818

Square

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



29.6108, 24.4938, 28.7583



23.9990, 24.4938, 13.2149



17.9237, 24.4938, 24.6845



22.5768, 24.4938, 47.0929

Rectangle

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



29.6108, 24.4938, 28.7583



27.8420, 24.4938, 16.7570



17.9237, 24.4938, 24.6845



19.2468, 24.4938, 39.8774

Sweetspot

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



29.6115, 24.4949, 28.7588



67.0263, 66.0881, 73.9524



27.8220, 23.2197, 44.6107



14.3136, 13.9812, 15.7002



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.6115, 24.4949, 28.7588



49.6358, 38.6093, 45.6439



28.7705, 25.2969, 20.8206



8.6313, 8.5592, 9.5568



13.9702, 7.1056, 5.0032



0.4687, 0.2352, 0.3111

Inverse Universe

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



29.6115, 24.4949, 28.7588



49.6358, 38.6093, 45.6439



30.1451, 36.2984, 47.0127



8.6313, 8.5592, 9.5568



13.9702, 7.1056, 5.0032



0.4687, 0.2352, 0.3111

Previews

White Background



This preview shows how the XYZ color 29.6108, 24.4938, 28.7583 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 29.6108, 24.4938, 28.7583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

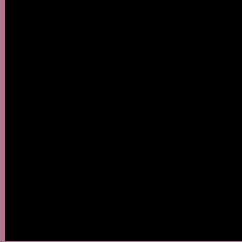
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6108, 24.4938, 28.7583

Background



This preview shows how black text looks on a background with the XYZ color 29.6108, 24.4938, 28.7583.



This preview shows how white text looks on a background with the XYZ color 29.6108, 24.4938,

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

29.6108, 24.4938, 28.7583

Protanopia

24.1630, 24.6633, 33.1927

Deuteranopia

25.1976, 24.6919, 28.2489



Tritanopia

28.7711, 24.5166, 24.3349

Trichromacy



Original Color

29.6108, 24.4938, 28.7583

Protanomaly

25.7732, 24.3227, 31.3533

Deuteranomaly

26.6952, 24.4728, 28.5160

Tritanomaly

28.9240, 24.3843, 25.7364

Monochromacy



Original Color

29.6108, 24.4938, 28.7583

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1218, 25.1683, 28.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6108, 24.4938, 28.7583 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(177, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(177, 119, 142)  
}
```

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(177, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 119, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.6108, 24.4938, 28.7583 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(177, 119, 142) }
```


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

```
.border{ border-color:rgb(177, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 119, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 119, 142); box-shadow:4px 4px 4px 4px rgb(177, 119, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6108, 24.4938, 28.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 119, 142) }
```

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

```
.background{ background-color: rgb(177,  
119, 142) }
```

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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