

Converting Colors

XYZ(30.6544, 28.3444, 38.1917)

Have a look what the booklet for
XYZ(30.6544, 28.3444, 38.1917)
contains.

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Color

**XYZ(30.5715, 28.2865,
38.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	A389A2
RGB	163, 137, 162
RGB Percent	64%, 54%, 64%
CMY	0.3608, 0.4627, 0.3647
CMYK	0.00, 0.16, 0.01, 0.36
HSL	302°, 12%, 59%
HSV	302°, 16%, 64%
XYZ	30.5715, 28.2865, 38.0310
YIQ	147.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

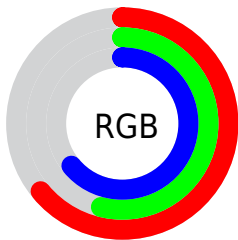
Format	Color
RYB	163, 137, 162
Decimal	10717602
CIELab	60.15, 14.36, -9.56
CIElCh	60, 17.254, 326.344
Yxy	28.2865, 0.3155, 0.2919
Android (android.graphics.Color)	4288907682 (0xFFA389A2)
YUV	147.6240, 7.0874, 13.4848
Hunter-Lab	53.1851, 9.5304, -5.1669

Details

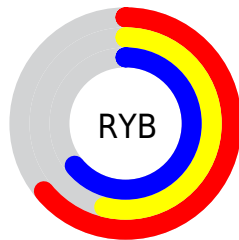
The XYZ color **30.5715, 28.2865, 38.0310** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0023, 33.3485, 29.0073**, and the grayscale version is **27.9618, 29.4180, 32.0362**.

A 20% lighter version of the original color is **59.8513, 56.7421, 73.4435**, and **12.7782, 11.3217, 16.2637** is the 20% darker color. If you saturate the color by 10%, you get **28.3719, 23.9759, 37.0238**, and if you desaturate by 10%, it is **33.1231, 33.2998, 39.1575**.

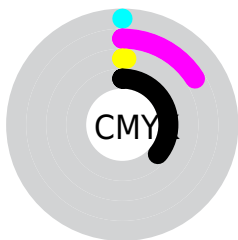
Distribution



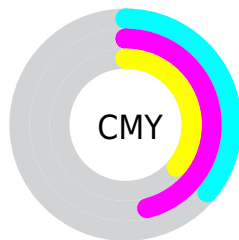
- Red (64%)
- Green (54%)
- Blue (64%)



- Red (64%)
- Yellow (54%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5715, 28.2865, 38.0310 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 30.5715, 28.2865, 38.0310 by changing the saturation by 10% instead.

■ 30.5715, 28.2865,
38.0310

■ 30.5715, 28.2865,
38.0310

296.4216,
293.8334, 353.0551

■ 20.4230, 18.5417,
25.7047

■ 59.9453, 56.9415,
73.3596

■ 12.8129, 11.3396,
16.3791

■ 79.9012, 76.6206,
97.1990

■ 7.3760, 6.2958,
9.6356

■ 103.8570,
100.3799, 125.7132

■ 3.7467, 3.0257,
5.0556

132.1781,
128.6038, 159.3208

■ 1.5599, 1.1452,
2.2206

165.2297,
161.6767, 198.4402

■ 0.3660, 0.0162,
0.6862

203.3773,

■ 0.0000, 0.0000,

199.9830, 243.4900

0.0000

246.9861,
243.9071, 294.8888

■ 30.5715, 28.2865,
38.0310

■ 30.5715, 28.2865,
38.0310

■ 28.3719, 23.9759,
37.0238

■ 33.1231, 33.2998,
39.1575

■ 26.5062, 20.3330,
36.1290

■ 36.0388, 39.0414,
40.4065

■ 24.9584, 17.3254,
35.3414

■ 39.3334, 45.5402,
41.7831

■ 23.7100, 14.9163,
34.6551

■ 43.0199, 52.8224,
43.2918

■ 22.7411, 13.0656,
34.0633

■ 47.1108, 60.9130,
44.9366

■ 22.0288, 11.7279,
33.5584

■ 51.6180, 69.8359,
46.7216

■ 21.5471, 10.8509,
33.1317

■ 56.5531, 79.6139,
48.6506

■ 21.2606, 10.3638,
32.7714

■ 57.8411, 82.0973,
49.3652

■ 21.1673, 10.2118,
32.6334

■ 57.8992, 82.1205,
49.6713

Harmonies

Analogous

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



28.8113, 28.2865, 43.0131



30.5715, 28.2865, 38.0310



31.3428, 28.2865, 31.5799

Triad

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



30.5715, 28.2865, 38.0310



27.1567, 28.2865, 20.2006



23.2620, 28.2865, 36.5083

Complementary

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



30.5715, 28.2865, 38.0310



28.0023, 33.3485, 29.0073

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.



22.8722, 28.2865, 30.0314



30.5715, 28.2865, 38.0310



25.0474, 28.2865, 21.1485

Square

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



30.5715, 28.2865, 38.0310



29.3044, 28.2865, 21.7568



23.5083, 28.2865, 24.5477



24.6034, 28.2865, 42.0530

Rectangle

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



30.5715, 28.2865, 38.0310



31.1629, 28.2865, 27.5068



23.5083, 28.2865, 24.5477



23.0186, 28.2865, 34.3443

Sweetspot

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



30.5723, 28.2877, 38.0316



59.7413, 60.4652, 70.3101



26.0170, 25.9290, 38.2843



13.3436, 13.4346, 15.7592



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.



30.5723, 28.2877, 38.0316



53.3418, 47.8944, 67.4733



29.4863, 27.8533, 32.3128



7.3525, 7.1975, 8.8427



16.4547, 7.9379, 25.3828



0.3491, 0.1681, 0.5511

Inverse Universe

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



30.5723, 28.2877, 38.0316



53.3418, 47.8944, 67.4733



28.9898, 33.7435, 34.2076



7.3525, 7.1975, 8.8427



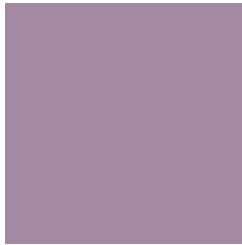
16.4547, 7.9379, 25.3828



0.3491, 0.1681, 0.5511

Previews

White Background



This preview shows how the XYZ color 30.5715, 28.2865, 38.0310 looks on a white background.

Color Contrast Check

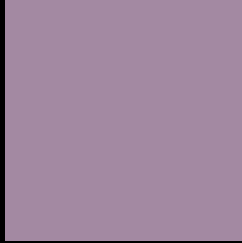
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5715, 28.2865, 38.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

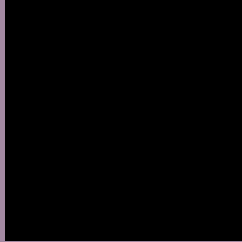
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5715, 28.2865, 38.0310

Background



This preview shows how black text looks on a background with the XYZ color 30.5715, 28.2865, 38.0310.



This preview shows how white text looks on a background with the XYZ color 30.5715, 28.2865,

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

30.5715, 28.2865, 38.0310

Protanopia

27.8407, 28.3624, 40.0835

Deuteranopia

28.9068, 28.2984, 37.6568



Tritanopia

29.4356, 28.2443, 32.7544

Trichromacy



Original Color

30.5715, 28.2865, 38.0310

Protanomaly

28.7108, 28.1559, 39.5187

Deuteranomaly

29.5214, 28.3973, 37.6435

Tritanomaly

29.8215, 28.1914, 34.4416

Monochromacy



Original Color

30.5715, 28.2865, 38.0310

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8599, 29.0187, 34.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5715, 28.2865, 38.0310 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(163, 137, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 162)  
}
```

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(163, 137, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.5715, 28.2865, 38.0310 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(163, 137, 162) }
```


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

```
.border{ border-color:rgb(163, 137, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 137, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5715, 28.2865, 38.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 162) }
```

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

```
.background{ background-color: rgb(163,  
137, 162) }
```

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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