

Converting Colors

XYZ(30.3152, 29.0927, 31.5576)

Have a look what the booklet for
XYZ(30.3152, 29.0927, 31.5576)
contains.

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Color

**XYZ(30.3084, 29.1557,
31.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D93
RGB	165, 141, 147
RGB Percent	65%, 55%, 58%
CMY	0.3529, 0.4470, 0.4235
CMYK	0.00, 0.15, 0.11, 0.35
HSL	345°, 12%, 60%
HSV	345°, 15%, 65%
XYZ	30.3084, 29.1557, 31.6339
YIQ	148.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

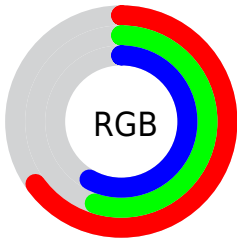
Format	Color
R _Y B	165, 141, 147
Decimal	10849683
CIE Lab	60.92, 10.05, 0.16
CIE LCh	61, 10.050, 0.888
Yxy	29.1557, 0.3327, 0.3200
Android (android.graphics.Color)	4289039763 (0xFFA58D93)
YUV	148.8600, -0.9170, 14.1548
Hunter-Lab	53.9960, 5.7005, 3.0618




Details

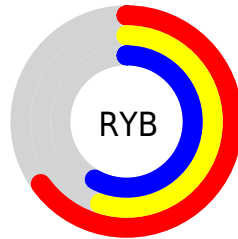
The XYZ color **30.3084, 29.1557, 31.6339** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6988, 35.0770, 37.9552**, and the grayscale version is **28.5090, 29.9937, 32.6631**.




A 20% lighter version of the original color is **59.5729, 58.4629, 63.4030**, and **12.7088, 11.8559, 12.9279** is the 20% darker color. If you saturate the color by 10%, you get **27.1349, 24.2801, 26.0395**, and if you desaturate by 10%, it is **33.9505, 34.8007, 37.9008**.

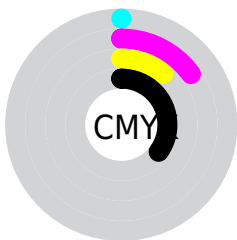
Distribution







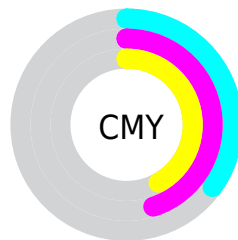
-  Red (65%)
-  Green (55%)
-  Blue (58%)






-  Red (65%)
-  Yellow (55%)
-  Blue (58%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (11%)
-  Black (35%)





-  Cyan (35%)
-  Magenta (45%)
-  Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3084, 29.1557, 31.6339 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 30.3084, 29.1557, 31.6339 by changing the saturation by 10% instead.

 30.3084, 29.1557,
31.6339


 30.3084, 29.1557,
31.6339


295.2234,
297.9489, 323.8893


 20.2220, 19.1986,
20.8195


 59.5328, 58.3244,
63.3279

 12.6657, 11.8139,
12.8022


 79.4016, 78.3048,
85.0447

 7.2742, 6.6171,
7.1633


 103.2619,
102.3951, 111.2326

 3.6820, 3.2238,
3.4845

131.4791,
130.9797, 142.3103

 1.5239, 1.2497,
1.3470

164.4184,
164.4429, 178.6963

 0.3420, 0.1017,
0.0999

202.4454,

 0.0000, 0.0000,

203.1693, 220.8091

0.0000

245.9253,
247.5432, 269.0673

■ 30.3084, 29.1557,
31.6339

■ 30.3084, 29.1557,
31.6339

■ 27.1349, 24.2801,
26.0395

■ 33.9505, 34.8007,
37.9008

■ 24.4084, 20.1367,
21.0931

■ 38.0769, 41.2423,
44.8598

■ 22.1090, 16.6910,
16.7714

■ 42.7056, 48.5114,
52.5322

■ 20.2143, 13.9044,
13.0488

■ 47.8528, 56.6359,
60.9378

■ 18.7001, 11.7343,
9.8981

■ 53.5342, 65.6425,
70.0953

■ 17.5393, 10.1332,
7.2898

■ 59.7646, 75.5567,
80.0231

■ 16.7010, 9.0465,
5.1915

■ 66.0765, 85.4391,
90.5782

■ 16.1482, 8.4082,
3.5668

■ 67.9140, 86.1741,
100.2543

■ 15.9215, 8.1611,
2.8554

■ 69.3272, 86.7394,
107.6962

Harmonies

Analogous

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



29.9720, 29.1557, 35.3878



30.3084, 29.1557, 31.6339



29.9309, 29.1557, 28.1830

Triad

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



30.3084, 29.1557, 31.6339



26.4380, 29.1557, 25.9462



26.5036, 29.1557, 38.4775

Complementary

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



30.3084, 29.1557, 31.6339



30.6988, 35.0770, 37.9552

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.



25.6048, 29.1557, 35.5965



30.3084, 29.1557, 31.6339



25.5678, 29.1557, 28.3623

Square

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



30.3084, 29.1557, 31.6339



27.6726, 29.1557, 25.0625



25.2676, 29.1557, 31.8576



27.7507, 29.1557, 39.5222

Rectangle

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



30.3084, 29.1557, 31.6339



29.3319, 29.1557, 26.4687



25.2676, 29.1557, 31.8576



26.1521, 29.1557, 37.6810

Sweetspot

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



30.3092, 29.1570, 31.6345



61.1300, 62.8348, 68.4347



30.6155, 29.1387, 39.6084



13.2541, 13.5656, 14.7737



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.



30.3092, 29.1570, 31.6345



52.6252, 49.6649, 53.7623



30.7595, 30.7911, 29.5230



7.1430, 7.1137, 7.7395



12.0622, 6.1809, 2.2523



0.2711, 0.1369, 0.1402

Inverse Universe

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



30.3092, 29.1570, 31.6345



52.6252, 49.6649, 53.7623



30.1752, 33.1765, 40.4110



7.1430, 7.1137, 7.7395



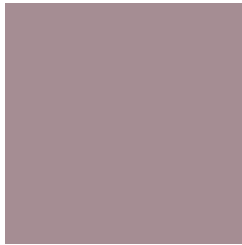
12.0622, 6.1809, 2.2523



0.2711, 0.1369, 0.1402

Previews

White Background



This preview shows how the XYZ color 30.3084, 29.1557, 31.6339 looks on a white background.

Color Contrast Check

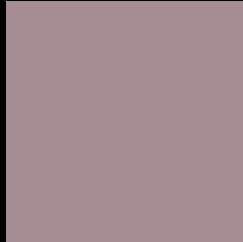
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3084, 29.1557, 31.6339 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 30.3084, 29.1557, 31.6339

Background



This preview shows how black text looks on a background with the XYZ color 30.3084, 29.1557, 31.6339.



This preview shows how white text looks on a background with the XYZ color 30.3084, 29.1557,

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

30.3084, 29.1557, 31.6339

Protanopia

28.1783, 29.1493, 32.9954

Deuteranopia

29.6374, 29.0297, 31.6450



Tritanopia

30.6899, 29.0975, 33.2770

Trichromacy



Original Color

30.3084, 29.1557, 31.6339

Protanomaly

28.9156, 29.0850, 32.5237

Deuteranomaly

29.8398, 29.1340, 31.6545

Tritanomaly

30.6090, 29.0652, 32.8510

Monochromacy



Original Color

30.3084, 29.1557, 31.6339

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1417, 29.6644, 32.2068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3084, 29.1557, 31.6339 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(165, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 147)  
}
```

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(165, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.3084, 29.1557, 31.6339 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(165, 141, 147) }
```


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

```
.border{ border-color:rgb(165, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3084, 29.1557, 31.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 147) }
```

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

```
.background{ background-color: rgb(165,  
141, 147) }
```

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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