

Converting Colors

XYZ(30.0944, 30.2966, 36.6546)

Have a look what the booklet for
XYZ(30.0944, 30.2966, 36.6546)
contains.

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Color

**XYZ(30.1228, 30.3046,
36.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	9B939E
RGB	155, 147, 158
RGB Percent	61%, 58%, 62%
CMY	0.3922, 0.4235, 0.3804
CMYK	0.02, 0.07, 0.00, 0.38
HSL	284°, 5%, 60%
HSV	284°, 7%, 62%
XYZ	30.1228, 30.3046, 36.6095
YIQ	150.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

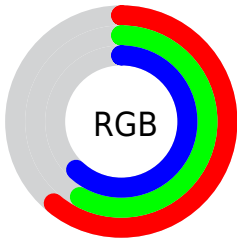
Format	Color
R_{YB}	155, 147, 158
Decimal	10195870
CIE _{Lab}	61.92, 5.05, -4.73
CIE _{LCh}	62, 6.923, 316.853
Yxy	30.3046, 0.3104, 0.3123
Android (android.graphics.Color)	4288385950 (0xFF9B939E)
YUV	150.6460, 3.6255, 3.8185
Hunter-Lab	55.0496, 1.3372, -0.8947

Details

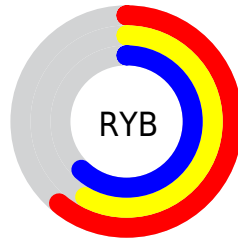
The XYZ color **30.1228, 30.3046, 36.6095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0722, 33.0452, 32.3987**, and the grayscale version is **29.2496, 30.7728, 33.5116**.

A 20% lighter version of the original color is **59.1914, 60.1327, 71.4378**, and **12.5456, 12.3703, 15.6364** is the 20% darker color. If you saturate the color by 10%, you get **27.0204, 25.3057, 35.8086**, and if you desaturate by 10%, it is **33.5939, 35.9962, 37.5256**.

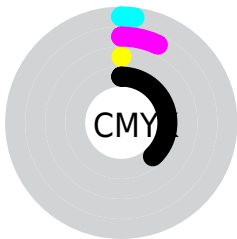
Distribution



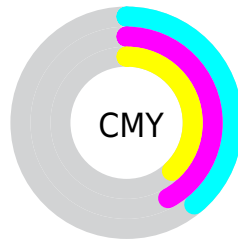
- Red (61%)
- Green (58%)
- Blue (62%)



- Red (61%)
- Yellow (58%)
- Blue (62%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1228, 30.3046, 36.6095 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 30.1228, 30.3046, 36.6095 by changing the saturation by 10% instead.

■ 30.1228, 30.3046,
36.6095

■ 30.1228, 30.3046,
36.6095

294.3760,
303.3217, 346.7344

■ 20.0804, 20.0699,
24.6119

■ 59.2416, 60.1436,
71.1514

■ 12.5621, 12.4459,
15.5717

■ 79.0487, 80.5166,
94.5327

■ 7.2026, 7.0481,
9.0706

102.8414,
105.0379, 122.5457

■ 3.6366, 3.4922,
4.6898

130.9850,
134.0918, 155.6089

■ 1.4987, 1.3938,
2.0109

163.8449,
168.0627, 194.1408

■ 0.3249, 0.2121,
0.5620

201.7865,

■ 0.0000, 0.0000,

207.3351, 238.5600

0.0000

245.1750,
252.2933, 289.2850

■ 30.1228, 30.3046,
36.6095

■ 30.1228, 30.3046,
36.6095

■ 27.0204, 25.3057,
35.8086

■ 33.5939, 35.9962,
37.5256

■ 24.2702, 20.9682,
35.1163

■ 37.4444, 42.4026,
38.5592

■ 21.8582, 17.2640,
34.5285

■ 41.6875, 49.5497,
39.7151

■ 19.7682, 14.1616,
34.0398

■ 46.3352, 57.4608,
40.9972

■ 17.9828, 11.6264,
33.6446

■ 51.3989, 66.1584,
42.4091

■ 16.4830, 9.6208,
33.3365

■ 56.8896, 75.6638,
43.9544

■ 15.2471, 8.1020,
33.1085

■ 61.9812, 84.3246,
45.3577

■ 14.2503, 7.0207,
32.9523

■ 63.0382, 84.8695,
45.4072

■ 13.4538, 6.3001,
32.8552

■ 64.1271, 85.4308,
45.4582

Harmonies

Analogous

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



29.3231, 30.3046, 38.1234



30.1228, 30.3046, 36.6095



30.5732, 30.3046, 34.1705

Triad

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



30.1228, 30.3046, 36.6095



29.2107, 30.3046, 28.2742



27.1323, 30.3046, 34.4977

Complementary

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



30.1228, 30.3046, 36.6095



30.0722, 33.0452, 32.3987

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.



27.1037, 30.3046, 31.8498



30.1228, 30.3046, 36.6095



28.2903, 30.3046, 28.3513

Square

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



30.1228, 30.3046, 36.6095



30.0390, 30.3046, 29.4129



27.5235, 30.3046, 29.6295



27.6026, 30.3046, 36.8600

Rectangle

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



30.1228, 30.3046, 36.6095



30.6085, 30.3046, 32.3916



27.5235, 30.3046, 29.6295



27.0711, 30.3046, 33.6090

Sweetspot

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



30.1237, 30.3059, 36.6102



57.7202, 59.9604, 67.2748



29.1304, 30.5229, 36.7044



13.0299, 13.5457, 15.1715



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.1237, 30.3059, 36.6102



53.9951, 53.8836, 66.2982



30.5035, 30.5252, 35.5675



6.7276, 6.6635, 8.3383



10.6335, 4.9108, 26.2947



0.2281, 0.1074, 0.4719

Inverse Universe

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



30.0404, 30.3399, 33.1287



53.8234, 53.9579, 58.9320



29.7161, 32.8398, 33.3683



6.7037, 6.6744, 7.2908



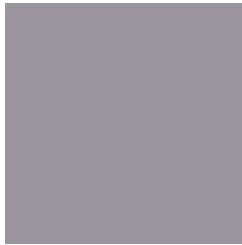
11.6586, 5.9680, 2.4532



0.2248, 0.1132, 0.1299

Previews

White Background



This preview shows how the XYZ color 30.1228, 30.3046, 36.6095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1228, 30.3046, 36.6095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

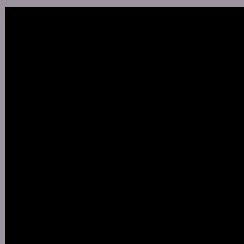
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1228, 30.3046, 36.6095

Background



This preview shows how black text looks on a background with the XYZ color 30.1228, 30.3046, 36.6095.



This preview shows how white text looks on a background with the XYZ color 30.1228, 30.3046,

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

30.1228, 30.3046, 36.6095

Protanopia

29.5831, 30.4821, 37.1253

Deuteranopia

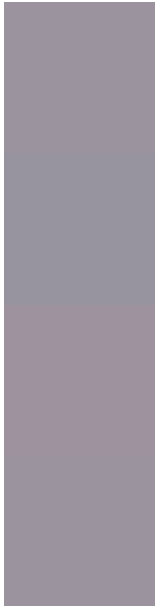
30.7942, 30.1930, 36.5526



Tritanopia

30.1228, 30.3046, 36.6095

Trichromacy



Original Color

30.1228, 30.3046, 36.6095

Protanomaly

29.7968, 30.3584, 37.0902

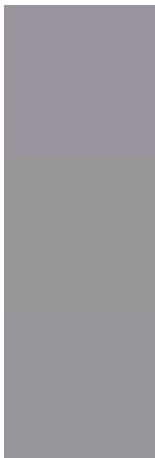
Deuteranomaly

30.5510, 30.2955, 36.5852

Tritanomaly

30.1228, 30.3046, 36.6095

Monochromacy



Original Color

30.1228, 30.3046, 36.6095

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6880, 30.8212, 34.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1228, 30.3046, 36.6095 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(155, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 158)  
}
```

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(155, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.1228, 30.3046, 36.6095 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(155, 147, 158) }
```


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

```
.border{ border-color:rgb(155, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(155, 147,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1228, 30.3046, 36.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 158) }
```

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

```
.background{ background-color: rgb(155,  
147, 158) }
```

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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