

Converting Colors

XYZ(29.9340, 30.5608, 36.4437)

Have a look what the booklet for
XYZ(29.9340, 30.5608, 36.4437)
contains.

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Color

**XYZ(30.0559, 30.7358,
36.6962)**

Conversions

Conversions Part 1

Format	Color
Hex	99959E
RGB	153, 149, 158
RGB Percent	60%, 58%, 62%
CMY	0.4000, 0.4157, 0.3804
CMYK	0.03, 0.06, 0.00, 0.38
HSL	267°, 4%, 60%
HSV	267°, 6%, 62%
XYZ	30.0559, 30.7358, 36.6962
YIQ	151.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

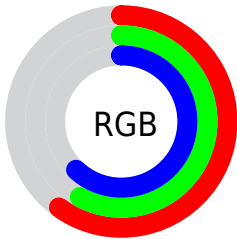
Format	Color
R_{YB}	153, 149, 158
Decimal	10065310
CIE Lab	62.28, 3.21, -4.21
CIE LCh	62, 5.296, 307.350
Yxy	30.7358, 0.3083, 0.3153
Android (android.graphics.Color)	4288255390 (0xFF99959E)
YUV	151.2220, 3.3416, 1.5593
Hunter-Lab	55.4399, -0.2487, -0.4367

Details

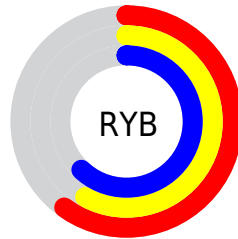
The XYZ color **30.0559, 30.7358, 36.6962** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9791, 33.4944, 33.2675**, and the grayscale version is **29.4975, 31.0337, 33.7957**.

A 20% lighter version of the original color is **59.0983, 60.7814, 71.5680**, and **12.5010, 12.6217, 15.6873** is the 20% darker color. If you saturate the color by 10%, you get **26.1275, 25.2488, 35.8446**, and if you desaturate by 10%, it is **34.4472, 36.9666, 37.6679**.

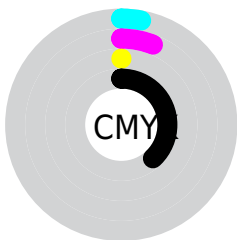
Distribution



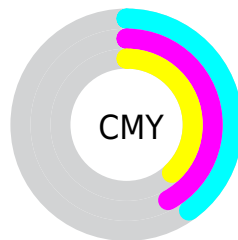
- Red (60%)
- Green (58%)
- Blue (62%)



- Red (60%)
- Yellow (58%)
- Blue (62%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0559, 30.7358, 36.6962 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 30.0559, 30.7358, 36.6962 by changing the saturation by 10% instead.

■ 30.0559, 30.7358,
36.6962

■ 30.0559, 30.7358,
36.6962

294.0701,
305.3193, 347.1224

■ 20.0293, 20.3978,
24.6784

■ 59.1366, 60.8239,
71.2864

■ 12.5247, 12.6845,
15.6208

■ 78.9214, 81.3427,
94.6959

■ 7.1768, 7.2117,
9.1048

102.6896,
106.0239, 122.7397

■ 3.6202, 3.5948,
4.7118

130.8067,
135.2518, 155.8363

■ 1.4896, 1.4496,
2.0234

163.6379,
169.4110, 194.4044

■ 0.3188, 0.2528,
0.5696

201.5487,

■ 0.0000, 0.0000,

208.8857, 238.8624

0.0000

244.9043,
254.0603, 289.6289

■ 30.0559, 30.7358,
36.6962

■ 30.0559, 30.7358,
36.6962

■ 26.1275, 25.2488,
35.8446

■ 34.4472, 36.9666,
37.6679

■ 22.6431, 20.4731,
35.1065

■ 39.3140, 43.9641,
38.7620

■ 19.5864, 16.3798,
34.4775

■ 44.6718, 51.7552,
39.9835

■ 16.9392, 12.9363,
33.9523

■ 50.5345, 60.3642,
41.3362

■ 14.6815, 10.1072,
33.5253

■ 56.9156, 69.8143,
42.8239

■ 12.7918, 7.8538,
33.1899

■ 63.8277, 80.1280,
44.4503

■ 11.2461, 6.1328,
32.9392

■ 69.7969, 88.3537,
45.7235

■ 10.0169, 4.8942,
32.7649

■ 72.4361, 89.7143,
45.8470

■ 9.0685, 4.0716,
32.6561

■ 75.2157, 91.1472,
45.9771

Harmonies

Analogous

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



29.3898, 30.7358, 37.5269



30.0559, 30.7358, 36.6962



30.5013, 30.7358, 35.0061

Triad

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



30.0559, 30.7358, 36.6962



29.7464, 30.7358, 29.9607



27.8704, 30.7358, 33.9726

Complementary

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



30.0559, 30.7358, 36.6962



30.9791, 33.4944, 33.2675

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.



27.9624, 30.7358, 31.9719



30.0559, 30.7358, 36.6962



29.0378, 30.7358, 29.7093

Square

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



30.0559, 30.7358, 36.6962



30.3206, 30.7358, 31.1326



28.3869, 30.7358, 30.4313



28.1336, 30.7358, 35.9133

Rectangle

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



30.0559, 30.7358, 36.6962



30.6091, 30.7358, 33.6485



28.3869, 30.7358, 30.4313



27.8609, 30.7358, 33.2843

Sweetspot

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



30.0568, 30.7371, 36.6969



57.3982, 59.7943, 67.2597



30.1392, 32.0035, 36.9370



12.9615, 13.5105, 15.1683



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.



30.0568, 30.7371, 36.6969



53.5022, 54.2985, 66.4042



30.9027, 31.1732, 36.7365



6.7214, 6.8120, 8.3673



7.0217, 3.0488, 26.1256



0.1735, 0.0792, 0.4694

Inverse Universe

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



30.6817, 31.0984, 34.9587



54.9163, 55.1161, 62.4646



30.1569, 33.0705, 33.2291



6.9061, 6.9187, 7.8528



12.7171, 6.3914, 8.0271



0.2485, 0.1227, 0.2547

Previews

White Background



This preview shows how the XYZ color 30.0559, 30.7358, 36.6962 looks on a white background.

Color Contrast Check

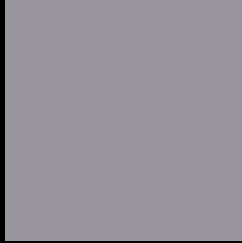
Large Text (above 18pt) WCAG AA × Fail

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 30.0559, 30.7358, 36.6962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

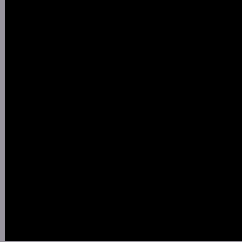
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0559, 30.7358, 36.6962

Background



This preview shows how black text looks on a background with the XYZ color 30.0559, 30.7358, 36.6962.



This preview shows how white text looks on a background with the XYZ color 30.0559, 30.7358,

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

30.0559, 30.7358, 36.6962

Protanopia

29.8404, 30.8606, 36.7317

Deuteranopia

31.2348, 30.6380, 37.0684



Tritanopia

30.2295, 30.8053, 37.6105

Trichromacy



Original Color

30.0559, 30.7358, 36.6962

Protanomaly

30.0268, 30.9567, 36.7404

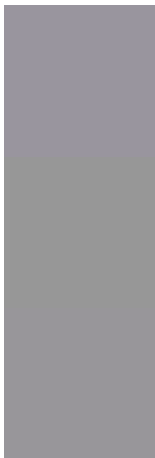
Deuteranomaly

30.7923, 30.6397, 37.0920

Tritanomaly

30.1423, 30.7704, 37.1515

Monochromacy



Original Color

30.0559, 30.7358, 36.6962

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 30.0559, 30.7358, 36.6962 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(153, 149, 158)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 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(153, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.0559, 30.7358, 36.6962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

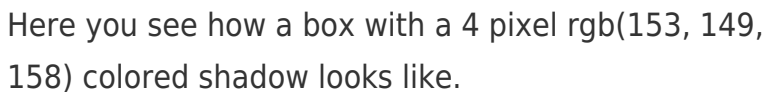
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 149, 158) }
```


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

```
.border{ border-color:rgb(153, 149, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 149, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 149, 158); box-shadow:4px 4px 4px 4px rgb(153, 149, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0559, 30.7358, 36.6962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 158) }
```

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

```
.background{ background-color: rgb(153,  
149, 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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