

Converting Colors

XYZ(29.1842, 30.0618, 36.5950)

Have a look what the booklet for
XYZ(29.1842, 30.0618, 36.5950)
contains.

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Color

**XYZ(29.1559, 30.0380,
36.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	95949E
RGB	149, 148, 158
RGB Percent	58%, 58%, 62%
CMY	0.4157, 0.4196, 0.3804
CMYK	0.06, 0.06, 0.00, 0.38
HSL	246°, 5%, 60%
HSV	246°, 6%, 62%
XYZ	29.1559, 30.0380, 36.6090
YIQ	149.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

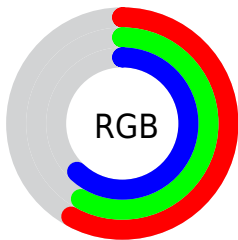
Format	Color
R_{YB}	149, 148, 158
Decimal	9802910
CIE Lab	61.69, 2.35, -5.13
CIE LCh	62, 5.642, 294.630
Yxy	30.0380, 0.3043, 0.3135
Android (android.graphics.Color)	4287992990 (0xFF95949E)
YUV	149.4390, 4.2206, -0.3850
Hunter-Lab	54.8069, -0.9547, -1.2387

Details

The XYZ color **29.1559, 30.0380, 36.6090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4779, 33.7607, 32.8759**, and the grayscale version is **28.7363, 30.2328, 32.9235**.

A 20% lighter version of the original color is **57.7594, 59.7417, 71.4378**, and **11.9655, 12.2076, 15.6356** is the 20% darker color. If you saturate the color by 10%, you get **24.4065, 24.1589, 35.7250**, and if you desaturate by 10%, it is **34.5623, 36.7596, 37.6219**.

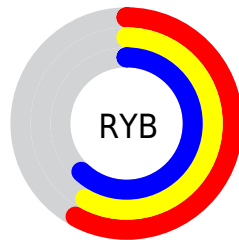
Distribution



Red (58%)

Green (58%)

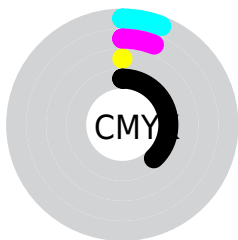
Blue (62%)



Red (58%)

Yellow (58%)

Blue (62%)

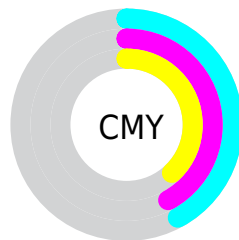


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1559, 30.0380, 36.6090 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 29.1559, 30.0380, 36.6090 by changing the saturation by 10% instead.

■ 29.1559, 30.0380,
36.6090

■ 29.1559, 30.0380,
36.6090

289.9308,
302.0815, 346.7322

■ 19.3437, 19.8674,
24.6115

■ 57.7205, 59.7223,
71.1506

■ 12.0243, 12.2987,
15.5715

■ 77.2036, 80.0048,
94.5318

■ 6.8326, 6.9475,
9.0704

100.6411,
104.4267, 122.5446

■ 3.4030, 3.4293,
4.6897

128.3982,
133.3724, 155.6076

■ 1.3703, 1.3597,
2.0108

160.8404,
167.2264, 194.1393

■ 0.2349, 0.1868,
0.5619

198.3330,

■ 0.0000, 0.0000,

206.3730, 238.5583

0.0000

241.2413,
251.1965, 289.2831

■ 29.1559, 30.0380,
36.6090

■ 29.1559, 30.0380,
36.6090

■ 24.4065, 24.1589,
35.7250

■ 34.5623, 36.7596,
37.6219

■ 20.2865, 19.0855,
34.9629

■ 40.6467, 44.3512,
38.7666

■ 16.7702, 14.7837,
34.3179

■ 47.4325, 52.8437,
40.0481

■ 13.8291, 11.2156,
33.7842

■ 54.9410, 62.2654,
41.4709

■ 11.4324, 8.3401,
33.3555

■ 63.1928, 72.6431,
43.0391

■ 9.5464, 6.1121,
33.0248

■ 72.2075, 84.0030,
44.7567

■ 8.1337, 4.4809,
32.7844

■ 80.8436, 94.0485,
46.2405

■ 7.1515, 3.3885,
32.6253

■ 83.1716, 95.2487,
46.3494

■ 6.5437, 2.7540,
32.5349

Harmonies

Analogous

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



28.4154, 30.0380, 36.9962



29.1559, 30.0380, 36.6090



29.7433, 30.0380, 35.1575

Triad

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



29.1559, 30.0380, 36.6090



29.3938, 30.0380, 29.4505



27.1374, 30.0380, 32.3210

Complementary

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



29.1559, 30.0380, 36.6090



31.4779, 33.7607, 32.8759

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.



27.3895, 30.0380, 30.3717



29.1559, 30.0380, 36.6090



28.6855, 30.0380, 28.7615

Square

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



29.1559, 30.0380, 36.6090



29.8823, 30.0380, 31.0138



27.9530, 30.0380, 29.0913



27.2584, 30.0380, 34.4592

Rectangle

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



29.1559, 30.0380, 36.6090



29.9645, 30.0380, 33.8140



27.9530, 30.0380, 29.0913



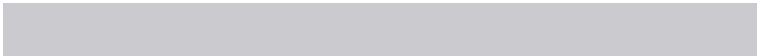
27.1812, 30.0380, 31.6230

Sweetspot

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



29.1568, 30.0393, 36.6097



57.0092, 59.5938, 67.2415



30.4704, 32.9357, 37.0995



12.8788, 13.4679, 15.1644



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.



29.1568, 30.0393, 36.6097



51.2826, 52.4853, 66.1712



30.0572, 30.5035, 36.6518



6.3431, 6.4654, 8.3203



5.1278, 2.0725, 26.0370



0.1075, 0.0452, 0.4663

Inverse Universe

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



30.7773, 30.8846, 36.2390



55.0332, 54.4418, 65.3027



30.5532, 33.2840, 32.8326



6.8756, 6.7432, 8.1961



15.2256, 7.3948, 21.2370



0.2797, 0.1352, 0.4188

Previews

White Background



This preview shows how the XYZ color 29.1559, 30.0380, 36.6090 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 29.1559, 30.0380, 36.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

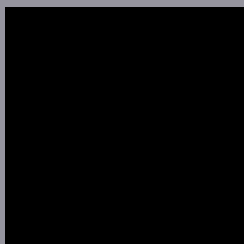
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

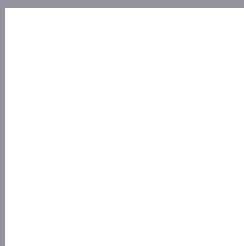
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1559, 30.0380, 36.6090

Background



This preview shows how black text looks on a background with the XYZ color 29.1559, 30.0380, 36.6090.



This preview shows how white text looks on a background with the XYZ color 29.1559, 30.0380,

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

29.1559, 30.0380, 36.6090

Protanopia

29.1559, 30.0380, 36.6090

Deuteranopia

30.6815, 30.1249, 36.9985



Tritanopia

29.2423, 30.0726, 37.0642

Trichromacy



Original Color

29.1559, 30.0380, 36.6090

Protanomaly

29.1559, 30.0380, 36.6090

Deuteranomaly

30.0545, 30.0295, 37.0131

Tritanomaly

29.2423, 30.0726, 37.0642

Monochromacy



Original Color

29.1559, 30.0380, 36.6090

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8094, 30.1515, 34.0072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1559, 30.0380, 36.6090 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(149, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 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(149, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.1559, 30.0380, 36.6090 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(149, 148, 158) }
```


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

```
.border{ border-color:rgb(149, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1559, 30.0380, 36.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 158) }
```

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

```
.background{ background-color: rgb(149,  
148, 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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