

Converting Colors

XYZ(29.6326, 30.5820, 36.1400)

Have a look what the booklet for
XYZ(29.6326, 30.5820, 36.1400)
contains.

XYZ(29.5957, 30.5085, 36.2272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.5957, 30.5085,
36.2272)**

Conversions

Conversions Part 1

Format	Color
Hex	97959D
RGB	151, 149, 157
RGB Percent	59%, 58%, 62%
CMY	0.4078, 0.4157, 0.3843
CMYK	0.04, 0.05, 0.00, 0.38
HSL	255°, 4%, 60%
HSV	255°, 5%, 62%
XYZ	29.5957, 30.5085, 36.2272
YIQ	150.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

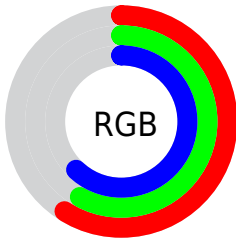
Format	Color
RYB	151, 149, 157
Decimal	9934237
CIELab	62.09, 2.30, -3.95
CIELCh	62, 4.569, 300.216
Yxy	30.5085, 0.3072, 0.3167
Android (android.graphics.Color)	4288124317 (0xFF97959D)
YUV	150.5100, 3.1996, 0.4297
Hunter-Lab	55.2345, -1.0167, -0.2230

Details

The XYZ color **29.5957, 30.5085, 36.2272** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0006, 33.2533, 33.2199**, and the grayscale version is **29.1941, 30.7145, 33.4481**.

A 20% lighter version of the original color is **58.4164, 60.4445, 70.8754**, and **12.2247, 12.4853, 15.4013** is the 20% darker color. If you saturate the color by 10%, you get **25.1995, 24.8007, 35.3577**, and if you desaturate by 10%, it is **34.5470, 37.0012, 37.2199**.

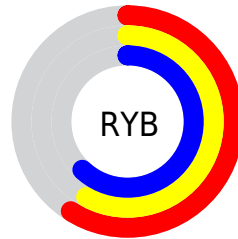
Distribution



Red (59%)

Green (58%)

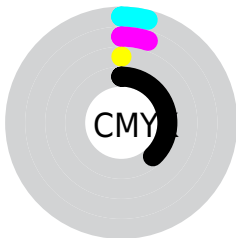
Blue (62%)



Red (59%)

Yellow (58%)

Blue (62%)

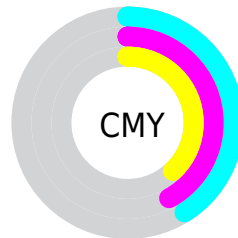


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5957, 30.5085, 36.2272 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 29.5957, 30.5085, 36.2272 by changing the saturation by 10% instead.

■ 29.5957, 30.5085,
36.2272

■ 29.5957, 30.5085,
36.2272

291.9591,
304.2676, 345.0199

■ 19.6785, 20.2249,
24.3186

■ 58.4132, 60.4654,
70.5556

■ 12.2684, 12.5586,
15.3558

■ 78.0443, 80.9075,
93.8125

■ 7.0003, 7.1253,
8.9201

101.6439,
105.5045, 121.6893

■ 3.5086, 3.5406,
4.5930

129.5775,
134.6409, 154.6044

■ 1.4281, 1.4201,
1.9560

162.2105,
168.7010, 192.9765

■ 0.2761, 0.2314,
0.5280

199.9082,

■ 0.0000, 0.0000,

208.0692, 237.2241

0.0000

243.0360,
253.1299, 287.7657

■ 29.5957, 30.5085,
36.2272

■ 29.5957, 30.5085,
36.2272

■ 25.1995, 24.8007,
35.3577

■ 34.5470, 37.0012,
37.2199

■ 21.3361, 19.8441,
34.6045

■ 40.0693, 44.3033,
38.3383

■ 17.9855, 15.6080,
33.9635

■ 46.1814, 52.4428,
39.5872

■ 15.1253, 12.0585,
33.4291

■ 52.9003, 61.4453,
40.9708

■ 12.7317, 9.1586,
32.9955

■ 60.2423, 71.3354,
42.4928

■ 10.7785, 6.8677,
32.6563

■ 68.2230, 82.1366,
44.1570

■ 9.2369, 5.1408,
32.4042

■ 75.5993, 91.3549,
45.5475

■ 8.0744, 3.9263,
32.2311

■ 79.5844, 93.4093,
45.7340

■ 7.2511, 3.1592,
32.1264

■ 83.0859, 95.2144,
45.8979

Harmonies

Analogous

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



29.0019, 30.5085, 36.7161



29.5957, 30.5085, 36.2272



30.0343, 30.5085, 34.9268

Triad

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



29.5957, 30.5085, 36.2272



29.5879, 30.5085, 30.3693



27.8326, 30.5085, 33.2313

Complementary

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



29.5957, 30.5085, 36.2272



31.0006, 33.2533, 33.2199

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.



27.9847, 30.5085, 31.5670



29.5957, 30.5085, 36.2272



28.9930, 30.5085, 29.9505

Square

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



29.5957, 30.5085, 36.2272



30.0297, 30.5085, 31.5457



28.4072, 30.5085, 30.3813



27.9890, 30.5085, 34.9496

Rectangle

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



29.5957, 30.5085, 36.2272



30.1766, 30.5085, 33.7965



28.4072, 30.5085, 30.3813



27.8493, 30.5085, 32.6472

Sweetspot

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



29.5966, 30.5098, 36.2279



55.6058, 58.0402, 65.3989



30.2248, 32.3119, 36.5426



12.2592, 12.8022, 14.3953



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.5966, 30.5098, 36.2279



52.1544, 53.5313, 64.7105



30.3263, 30.8860, 36.2620



6.7234, 6.8902, 8.3823



5.6586, 2.3461, 26.0618



0.1362, 0.0600, 0.4676

Inverse Universe

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



30.5696, 31.0310, 35.3905



54.2348, 54.6457, 62.9126



30.2701, 32.8767, 33.1857



7.0085, 7.0430, 8.1355



13.9542, 6.8863, 14.5419



0.2651, 0.1294, 0.3424

Previews

White Background



This preview shows how the XYZ color 29.5957, 30.5085, 36.2272 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 29.5957, 30.5085, 36.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

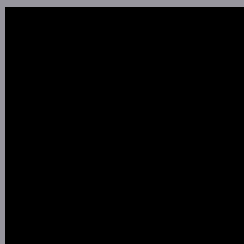
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5957, 30.5085, 36.2272

Background



This preview shows how black text looks on a background with the XYZ color 29.5957, 30.5085, 36.2272.



This preview shows how white text looks on a background with the XYZ color 29.5957, 30.5085,

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

29.5957, 30.5085, 36.2272

Protanopia

29.5957, 30.5085, 36.2272

Deuteranopia

31.1484, 30.6035, 36.6131



Tritanopia

29.8840, 30.3933, 37.5491

Trichromacy



Original Color

29.5957, 30.5085, 36.2272

Protanomaly

29.5957, 30.5085, 36.2272

Deuteranomaly

30.5099, 30.5042, 36.6276

Tritanomaly

29.7968, 30.3584, 37.0902

Monochromacy



Original Color

29.5957, 30.5085, 36.2272

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4186, 30.6919, 34.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5957, 30.5085, 36.2272 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(151, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 157)  
}
```

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(151, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.5957, 30.5085, 36.2272 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(151, 149, 157) }
```


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

```
.border{ border-color:rgb(151, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5957, 30.5085, 36.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 157) }
```

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

```
.background{ background-color: rgb(151,  
149, 157) }
```

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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