

Converting Colors

XYZ(36.6751, 36.7677, 59.1359)

Have a look what the booklet for
XYZ(36.6751, 36.7677, 59.1359)
contains.

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Color

**XYZ(36.7467, 36.9327,
59.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2C7
RGB	155, 162, 199
RGB Percent	61%, 64%, 78%
CMY	0.3921, 0.3647, 0.2196
CMYK	0.22, 0.19, 0.00, 0.22
HSL	230°, 28%, 69%
HSV	230°, 22%, 78%
XYZ	36.7467, 36.9327, 59.2248
YIQ	164.1250, -16.0490, 10.0230

Conversions

Conversions Part 2

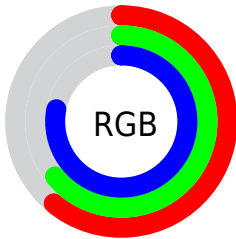
Format	Color
R _Y B	155, 161, 199
Decimal	10199751
CIE Lab	67.23, 5.51, -19.77
CIE LCh	67, 20.520, 285.584
Yxy	36.9327, 0.2765, 0.2779
Android (android.graphics.Color)	4288389831 (0xFF9BA2C7)
YUV	164.1250, 17.1934, -8.0026
Hunter-Lab	60.7723, 1.5807, -15.2397

Details

The XYZ color **36.7467, 36.9327, 59.2248** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.3197, 52.2082, 38.5419**, and the grayscale version is **35.2732, 37.1101, 40.4130**.

A 20% lighter version of the original color is **69.4412, 70.5473, 104.5648**, and **16.3888, 16.2968, 29.0699** is the 20% darker color. If you saturate the color by 10%, you get **30.4837, 29.6163, 58.1433**, and if you desaturate by 10%, it is **44.0337, 45.3611, 60.4682**.

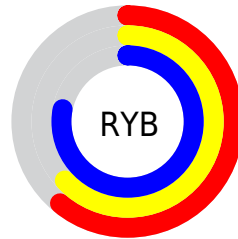
Distribution



Red (61%)

Green (64%)

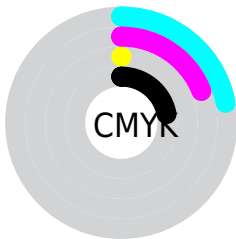
Blue (78%)



Red (61%)

Yellow (63%)

Blue (78%)

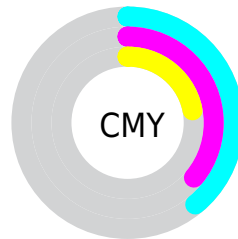


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (39%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7467, 36.9327, 59.2248 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 36.7467, 36.9327, 59.2248 by changing the saturation by 10% instead.

■ 36.7467, 36.9327,
59.2248

■ 36.7467, 36.9327,
59.2248

323.5872,
333.0191, 439.4595

■ 25.1842, 25.1554,
42.3729

■ 69.4994, 70.4693,
105.2366

■ 16.3438, 16.1929,
29.0656

■ 91.4203, 92.9973,
135.2337

■ 9.8602, 9.6607,
18.8845

117.5248,
119.8777, 170.4495

■ 5.3679, 5.1746,
11.4109

148.1781,
151.4949, 211.3027

■ 2.5017, 2.3501,
6.2263

183.7456,
188.2332, 258.2117

■ 0.8961, 0.8000,
2.9121

224.5927,

■ 0.0000, 0.0000,

230.4771, 311.5952

1.0500

271.0848,
278.6109, 371.8716

■ 0.0000, 0.0000,
0.0000

■ 36.7467, 36.9327,
59.2248

■ 36.7467, 36.9327,
59.2248

■ 30.4837, 29.6163,
58.1433

■ 44.0337, 45.3611,
60.4682

■ 25.1950, 23.3607,
57.2146

■ 52.3843, 54.9408,
61.8771

■ 20.8321, 18.1174,
56.4325

■ 61.8406, 65.7148,
63.4583

■ 17.3405, 13.8325,
55.7894

■ 72.4410, 77.7225,
65.2173

■ 14.6604, 10.4465,
55.2771

■ 84.2222, 91.0013,
67.1595

■ 12.7237, 7.8936,
54.8864

■ 87.3089, 96.9036,
68.1360

■ 11.4509, 6.0978,
54.6069

■ 10.8164, 5.1386,
54.4552

Harmonies

Analogous

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



33.6250, 36.9327, 59.3427



36.7467, 36.9327, 59.2248



39.5842, 36.9327, 53.5358

Triad

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



36.7467, 36.9327, 59.2248



39.4902, 36.9327, 29.1068



29.5866, 36.9327, 36.0696

Complementary

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



36.7467, 36.9327, 59.2248



48.3197, 52.2082, 38.5419

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.



30.9742, 36.9327, 29.3077



36.7467, 36.9327, 59.2248



36.6246, 36.9327, 25.7123

Square

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



36.7467, 36.9327, 59.2248



41.2313, 36.9327, 35.7546



33.5099, 36.9327, 25.7799



29.6149, 36.9327, 45.0284

Rectangle

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



36.7467, 36.9327, 59.2248



40.8791, 36.9327, 47.7743



33.5099, 36.9327, 25.7799



29.8991, 36.9327, 33.4956

Sweetspot

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



36.7479, 36.9342, 59.2256



84.1824, 87.5648, 107.0725



43.4193, 51.6072, 57.3492



17.8276, 18.5234, 22.8857



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.7479, 36.9342, 59.2256



58.3263, 57.6582, 102.6628



38.5367, 36.0762, 58.9657



10.1907, 10.5555, 13.4178



6.9975, 3.3889, 35.0297



0.3755, 0.2489, 1.6734

Inverse Universe

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



41.7971, 38.1945, 39.3533



68.9206, 60.4771, 60.9273



46.1877, 53.4457, 38.8931



10.7015, 10.6640, 11.4116



15.3313, 7.8821, 1.6887



0.7482, 0.3821, 0.1974

Previews

White Background



This preview shows how the XYZ color 36.7467, 36.9327, 59.2248 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 36.7467, 36.9327, 59.2248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

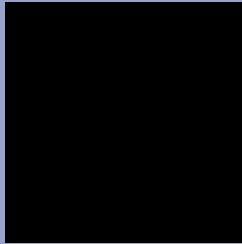
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7467, 36.9327, 59.2248

Background



This preview shows how black text looks on a background with the XYZ color 36.7467, 36.9327, 59.2248.



This preview shows how white text looks on a background with the XYZ color 36.7467, 36.9327,

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

36.7467, 36.9327, 59.2248

Protanopia

36.7467, 36.9327, 59.2248

Deuteranopia

37.5776, 36.8422, 59.1635



Tritanopia

34.5354, 37.1064, 47.9899

Trichromacy



Original Color

36.7467, 36.9327, 59.2248

Protanomaly

36.7467, 36.9327, 59.2248

Deuteranomaly

37.3517, 36.9842, 59.2028

Tritanomaly

35.2670, 37.1308, 51.7626

Monochromacy



Original Color

36.7467, 36.9327, 59.2248

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7309, 36.9458, 46.8430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7467, 36.9327, 59.2248 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, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 199)  
}
```

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, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 199) }
```

Border

The CSS property to change the border of an element to XYZ 36.7467, 36.9327, 59.2248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

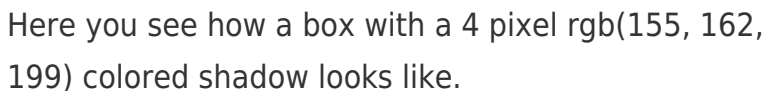
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 162, 199) }
```


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

```
.border{ border-color:rgb(155, 162, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 162, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 162, 199); box-shadow:4px 4px 4px 4px rgb(155, 162, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7467, 36.9327, 59.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 199) }
```

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

```
.background{ background-color: rgb(155,  
162, 199) }
```

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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