

Converting Colors

XYZ(36.5456, 34.1684, 96.7579)

Have a look what the booklet for
XYZ(36.5456, 34.1684, 96.7579)
contains.

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Color

**XYZ(36.6282, 34.2529,
96.7764)**

Conversions

Conversions Part 1

Format	Color
Hex	759BFC
RGB	117, 155, 252
RGB Percent	46%, 61%, 99%
CMY	0.5411, 0.3921, 0.0118
CMYK	0.54, 0.38, 0.00, 0.01
HSL	223°, 96%, 72%
HSV	223°, 54%, 99%
XYZ	36.6282, 34.2529, 96.7764
YIQ	154.6960, -53.7850, 22.1110

Conversions

Conversions Part 2

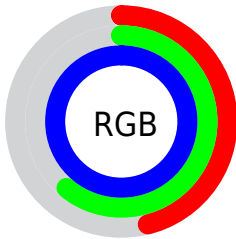
Format	Color
RYB	117, 147, 252
Decimal	7707644
CIELab	65.16, 14.02, -52.36
CIELCh	65, 54.202, 284.986
Yxy	34.2529, 0.2185, 0.2043
Android (android.graphics.Color)	4285897724 (0xFF759BFC)
YUV	154.6960, 47.9709, -33.0594
Hunter-Lab	58.5260, 9.2929, -57.0716

Details

The XYZ color **36.6282, 34.2529, 96.7764** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.4045, 70.0761, 26.8052**, and the grayscale version is **30.8348, 32.4406, 35.3278**.

A 20% lighter version of the original color is **58.7550, 62.0510, 103.4881**, and **16.2688, 14.5976, 53.5899** is the 20% darker color. If you saturate the color by 10%, you get **30.8959, 27.1551, 95.7092**, and if you desaturate by 10%, it is **43.7262, 42.7265, 98.0386**.

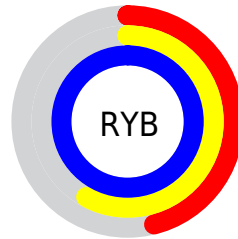
Distribution



Red (46%)

Green (61%)

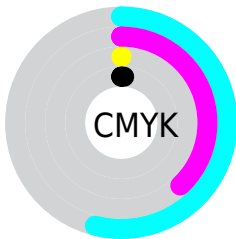
Blue (99%)



Red (46%)

Yellow (58%)

Blue (99%)

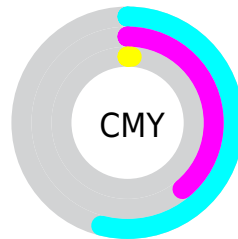


Cyan (54%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (54%)

Magenta (39%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6282, 34.2529, 96.7764 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 36.6282, 34.2529, 96.7764 by changing the saturation by 10% instead.

■ 36.6282, 34.2529,
96.7764

■ 36.6282, 34.2529,
96.7764

323.0816,
321.2583, 570.9654

■ 25.0921, 23.0880,
73.0093

■ 69.3181, 66.3268,
158.7331

■ 16.2748, 14.6585,
53.4917

■ 91.2027, 88.0045,
197.7599

■ 9.8109, 8.5800,
37.8050

■ 117.2674,
113.9552, 242.7102

■ 5.3351, 4.4683,
25.5308

147.8777,
144.5634, 294.0027

■ 2.4819, 1.9388,
16.2503

183.3989,
180.2134, 352.0560

■ 0.8862, 0.5716,
9.5452

224.1964,

■ 0.0000, 0.0000,

221.2896, 417.2885

4.9968

270.6355,
268.1764, 490.1188

■ 0.0000, 0.0000,
2.1867

■ 0.0000, 0.0000,
0.6667

■ 36.6282, 34.2529,
96.7764

■ 36.6282, 34.2529,
96.7764

■ 30.8959, 27.1551,
95.7092

■ 43.7262, 42.7265,
98.0386

■ 26.4302, 21.3509,
94.8243

■ 52.2714, 52.6444,
99.5025

■ 23.1242, 16.7535,
94.1111

■ 62.3431, 64.0743,
101.1779

■ 20.8487, 13.2616,
93.5571

■ 74.0138, 77.0784,
103.0728

■ 19.8195, 11.5256,
93.2762

■ 87.3511, 91.7155,
105.1951

94.5708, 99.8083,
106.3767

Harmonies

Analogous

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



28.7916, 34.2529, 96.7662



36.6282, 34.2529, 96.7764



44.4683, 34.2529, 77.1112

Triad

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



36.6282, 34.2529, 96.7764



44.4747, 34.2529, 14.2820



20.0188, 34.2529, 27.1577

Complementary

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



36.6282, 34.2529, 96.7764



67.4045, 70.0761, 26.8052

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.



22.9877, 34.2529, 14.2742



36.6282, 34.2529, 96.7764



36.6358, 34.2529, 9.1442

Square

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



36.6282, 34.2529, 96.7764



49.4708, 34.2529, 27.1741



28.7980, 34.2529, 9.1421



20.0174, 34.2529, 49.6620

Rectangle

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



36.6282, 34.2529, 96.7764



48.2847, 34.2529, 58.7853



28.7980, 34.2529, 9.1421



20.6787, 34.2529, 21.8082

Sweetspot

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



36.6295, 34.2541, 96.7773



72.9503, 75.7670, 105.3873



54.2537, 78.2461, 75.6963



15.0746, 15.6172, 22.4699



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.



36.6295, 34.2541, 96.7773



31.4940, 27.5857, 98.2724



35.8324, 25.8869, 95.2042



16.6808, 17.4383, 21.8721



10.4309, 6.2175, 48.6239



1.0517, 0.7470, 4.5319

Inverse Universe

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



52.4238, 35.7864, 35.1557



49.6180, 30.7070, 27.2558



68.3771, 86.5545, 29.9346



17.4454, 17.3055, 18.9352



21.5571, 11.0386, 4.3761



2.0398, 1.0396, 0.6328

Previews

White Background



This preview shows how the XYZ color 36.6282, 34.2529, 96.7764 looks on a white background.

Color Contrast Check

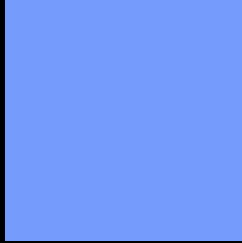
Large Text (above 18pt) WCAG AA × Fail

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 36.6282, 34.2529, 96.7764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

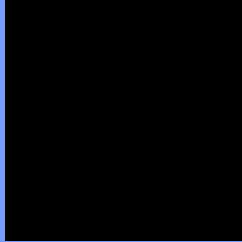
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6282, 34.2529, 96.7764

Background



This preview shows how black text looks on a background with the XYZ color 36.6282, 34.2529, 96.7764.



This preview shows how white text looks on a background with the XYZ color 36.6282, 34.2529,

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

36.6282, 34.2529, 96.7764

Protanopia

36.7139, 34.0693, 95.9078

Deuteranopia

35.3484, 34.3618, 96.0362



Tritanopia

27.2494, 34.1220, 49.9498

Trichromacy



Original Color

36.6282, 34.2529, 96.7764

Protanomaly

36.5759, 33.9982, 95.9013

Deuteranomaly

35.7762, 34.3302, 96.0076

Tritanomaly

30.1401, 33.9298, 64.6351

Monochromacy



Original Color

36.6282, 34.2529, 96.7764

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.0001, 32.8231, 53.3641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6282, 34.2529, 96.7764 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(117, 155, 252)` looks like.

```
.text, #text, p{  
    color:rgb(117, 155, 252)  
}
```

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(117, 155, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 155, 252) }
```

Border

The CSS property to change the border of an element to XYZ 36.6282, 34.2529, 96.7764 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(117, 155, 252) }
```


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

```
.border{ border-color:rgb(117, 155, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 155, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 155, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 155, 252);  
box-shadow:4px 4px 4px 4px rgb(117, 155,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6282, 34.2529, 96.7764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 155, 252) }
```

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

```
.background{ background-color: rgb(117,  
155, 252) }
```

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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