

Converting Colors

XYZ(36.6154, 32.3211, 76.2603)

Have a look what the booklet for
XYZ(36.6154, 32.3211, 76.2603)
contains.

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Color

**XYZ(36.6154, 32.3211,
76.2603)**

Conversions

Conversions Part 1

Format	Color
Hex	9791E2
RGB	151, 145, 226
RGB Percent	59%, 57%, 89%
CMY	0.4078, 0.4314, 0.1137
CMYK	0.33, 0.36, 0.00, 0.11
HSL	244°, 58%, 73%
HSV	244°, 36%, 89%
XYZ	36.6154, 32.3211, 76.2603
YIQ	156.0280, -22.4250, 26.4630

Conversions

Conversions Part 2

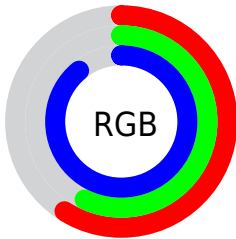
Format	Color
RYB	151, 145, 226
Decimal	9933282
CIELab	63.61, 20.68, -40.36
CIELCh	64, 45.348, 297.128
Yxy	32.3211, 0.2522, 0.2226
Android (android.graphics.Color)	4288123362 (0xFF9791E2)
YUV	156.0280, 34.4962, -4.4096
Hunter-Lab	56.8516, 15.4728, -39.7349

Details

The XYZ color **36.6154, 32.3211, 76.2603** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.8229, 71.6533, 37.3612**, and the grayscale version is **31.4716, 33.1105, 36.0574**.

A 20% lighter version of the original color is **64.2056, 61.3322, 103.0621**, and **16.2777, 13.6281, 39.8028** is the 20% darker color. If you saturate the color by 10%, you get **29.9545, 24.2612, 75.0562**, and if you desaturate by 10%, it is **44.6548, 42.1125, 77.7271**.

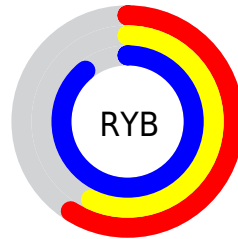
Distribution



Red (59%)

Green (57%)

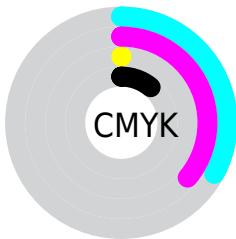
Blue (89%)



Red (59%)

Yellow (57%)

Blue (89%)

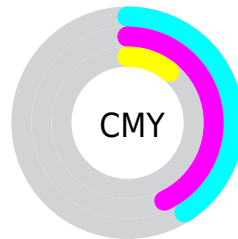


Cyan (33%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6154, 32.3211, 76.2603 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 36.6154, 32.3211, 76.2603 by changing the saturation by 10% instead.

■ 36.6154, 32.3211,
76.2603

■ 36.6154, 32.3211,
76.2603

323.0269,
312.5794, 501.6088

■ 25.0822, 21.6069,
56.1380

■ 69.2985, 63.3141,
129.8582

■ 16.2673, 13.5683,
39.9089

■ 91.1792, 84.3617,
164.1710

■ 9.8056, 7.8211,
27.1543

117.2396,
109.6226, 204.0510

■ 5.3315, 3.9807,
17.4556

147.8453,
139.4811, 249.9168

■ 2.4798, 1.6627,
10.3945

183.3615,
174.3216, 302.1870

■ 0.8851, 0.3994,
5.5523

224.1536,

■ 0.0000, 0.0000,

214.5286, 361.2800

2.5105

270.5870,
260.4864, 427.6144

■ 0.0000, 0.0000,
0.8457

■ 0.0000, 0.0000,
0.0000

■ 36.6154, 32.3211,
76.2603

■ 36.6154, 32.3211,
76.2603

■ 29.9545, 24.2612,
75.0562

■ 44.6548, 42.1125,
77.7271

■ 24.5912, 17.8284,
74.0973

■ 54.1404, 53.7243,
79.4685

■ 20.4416, 12.9129,
73.3672

■ 65.1399, 67.2437,
81.4982

■ 17.4104, 9.3897,
72.8469

■ 77.7156, 82.7511,
83.8286

■ 15.3878, 7.1138,
72.5142

■ 90.7276, 98.2710,
86.1385

■ 14.2417, 5.9076,
72.3418

■ 13.9542, 5.6079,
72.2991

Harmonies

Analogous

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



30.1140, 32.3211, 82.7909



36.6154, 32.3211, 76.2603



42.1274, 32.3211, 57.7230

Triad

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



36.6154, 32.3211, 76.2603



37.8165, 32.3211, 13.2730



20.0907, 32.3211, 33.4732

Complementary

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



36.6154, 32.3211, 76.2603



61.8229, 71.6533, 37.3612

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.



21.5840, 32.3211, 19.4517



36.6154, 32.3211, 76.2603



31.3345, 32.3211, 10.5854

Square

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



36.6154, 32.3211, 76.2603



42.8851, 32.3211, 21.5625



25.4944, 32.3211, 12.3814



21.1053, 32.3211, 53.6143

Rectangle

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



36.6154, 32.3211, 76.2603



44.1895, 32.3211, 43.5489



25.4944, 32.3211, 12.3814



20.3106, 32.3211, 27.9793

Sweetspot

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



36.6166, 32.3223, 76.2611



77.8275, 78.7935, 105.7145



51.1564, 63.0135, 81.4187



16.2413, 16.3527, 22.5503



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.



36.6166, 32.3223, 76.2611



41.4554, 34.3964, 99.0620



45.3146, 36.8063, 76.6681



13.0456, 13.2916, 17.2656



7.9980, 3.2184, 41.2480



0.5878, 0.2403, 2.8606

Inverse Universe

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



54.4084, 41.5879, 72.8698



68.1884, 48.3257, 93.6297



51.1538, 66.1531, 36.8619



14.2489, 13.9172, 17.0809



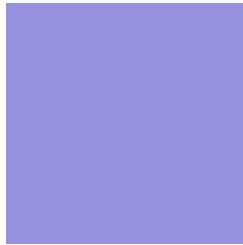
24.4964, 11.8656, 35.6095



1.7112, 0.8278, 2.5382

Previews

White Background



This preview shows how the XYZ color 36.6154, 32.3211, 76.2603 looks on a white background.

Color Contrast Check

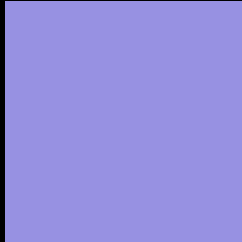
Large Text (above 18pt) WCAG AA × Fail

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 36.6154, 32.3211, 76.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

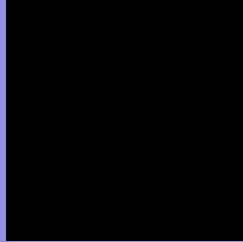
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6154, 32.3211, 76.2603

Background



This preview shows how black text looks on a background with the XYZ color 36.6154, 32.3211, 76.2603.



This preview shows how white text looks on a background with the XYZ color 36.6154, 32.3211,

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

36.6154, 32.3211, 76.2603

Protanopia

34.0946, 32.3384, 80.0463

Deuteranopia

33.3032, 32.5243, 75.0435



Tritanopia

29.8659, 32.4675, 42.2289

Trichromacy



Original Color

36.6154, 32.3211, 76.2603

Protanomaly

34.8820, 32.3029, 78.5254

Deuteranomaly

34.3285, 32.3173, 75.6627

Tritanomaly

32.0132, 32.3398, 53.2701

Monochromacy



Original Color

36.6154, 32.3211, 76.2603

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8952, 32.6627, 48.2868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6154, 32.3211, 76.2603 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, 145, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 226)  
}
```

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, 145, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 226) }
```

Border

The CSS property to change the border of an element to XYZ 36.6154, 32.3211, 76.2603 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, 145, 226) }
```


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

```
.border{ border-color:rgb(151, 145, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6154, 32.3211, 76.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 226) }
```

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

```
.background{ background-color: rgb(151,  
145, 226) }
```

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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