

Converting Colors

XYZ(36.1737, 32.5841, 79.2385)

Have a look what the booklet for
XYZ(36.1737, 32.5841, 79.2385)
contains.

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Color

**XYZ(36.0443, 32.4202,
79.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	8F93E6
RGB	143, 147, 230
RGB Percent	56%, 58%, 90%
CMY	0.4392, 0.4235, 0.0980
CMYK	0.38, 0.36, 0.00, 0.10
HSL	237°, 64%, 73%
HSV	237°, 38%, 90%
XYZ	36.0443, 32.4202, 79.2209
YIQ	155.2660, -29.0270, 24.9650

Conversions

Conversions Part 2

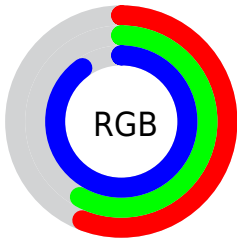
Format	Color
R_{YB}	143, 147, 230
Decimal	9409510
CIE _{Lab}	63.69, 18.43, -42.49
CIE _{LCh}	64, 46.312, 293.445
Yxy	32.4202, 0.2441, 0.2195
Android (android.graphics.Color)	4287599590 (0xFF8F93E6)
YUV	155.2660, 36.8439, -10.7573
Hunter-Lab	56.9387, 13.3542, -42.6352

Details

The XYZ color **36.0443, 32.4202, 79.2209** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **64.7885, 73.2002, 36.7024**, and the grayscale version is **31.1255, 32.7465, 35.6609**.

A 20% lighter version of the original color is **62.4898, 61.1354, 103.1145**, and **15.9392, 13.6801, 41.8448** is the 20% darker color. If you saturate the color by 10%, you get **29.3704, 24.3889, 78.0231**, and if you desaturate by 10%, it is **44.1875, 42.1762, 80.6754**.

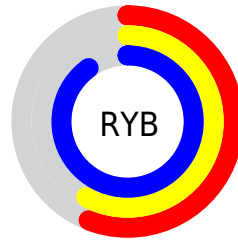
Distribution



Red (56%)

Green (58%)

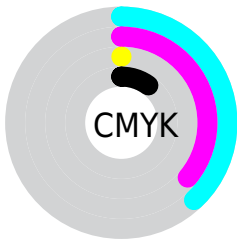
Blue (90%)



Red (56%)

Yellow (58%)

Blue (90%)

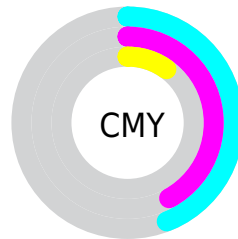


Cyan (38%)

Magenta (36%)

Yellow (0%)

Black (10%)



Cyan (44%)

Magenta (42%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0443, 32.4202, 79.2209 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 36.0443, 32.4202, 79.2209 by changing the saturation by 10% instead.

■ 36.0443, 32.4202,
79.2209

■ 36.0443, 32.4202,
79.2209

320.5820,
313.0290, 511.9407

■ 24.6387, 21.6827,
58.5551

■ 68.4239, 63.4693,
134.0713

■ 15.9354, 13.6239,
41.8374

■ 90.1285, 84.5495,
169.0929

■ 9.5690, 7.8596,
28.6494

115.9969,
109.8462, 209.7369

■ 5.1742, 4.0052,
18.5724

146.3943,
139.7437, 256.4217

■ 2.3856, 1.6765,
11.1881

181.6862,
174.6263, 309.5660

■ 0.8379, 0.4084,
6.0777

222.2379,

■ 0.0000, 0.0000,

214.8784, 369.5882

2.8228

268.4147,
260.8845, 436.9069

■ 0.0000, 0.0000,
1.0049

■ 0.0000, 0.0000,
0.0000

■ 36.0443, 32.4202,
79.2209

■ 36.0443, 32.4202,
79.2209

■ 29.3704, 24.3889,
78.0231

■ 44.1875, 42.1762,
80.6754

■ 24.0751, 17.9785,
77.0648

■ 53.8767, 53.7454,
82.3978

■ 20.0627, 13.0799,
76.3308

■ 65.1874, 67.2145,
84.4015

■ 17.2243, 9.5688,
75.8027

■ 78.1890, 82.6634,
86.6982

■ 15.4326, 7.3013,
75.4594

■ 91.2830, 98.4932,
89.0635

■ 14.5214, 6.0970,
75.2750

■ 14.3979, 5.9429,
75.2518

Harmonies

Analogous

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



29.4134, 32.4202, 83.9641



36.0443, 32.4202, 79.2209



41.9502, 32.4202, 61.1144

Triad

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



36.0443, 32.4202, 79.2209



38.8501, 32.4202, 13.6891



20.0164, 32.4202, 31.3799

Complementary

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



36.0443, 32.4202, 79.2209



64.7885, 73.2002, 36.7024

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.



21.8474, 32.4202, 18.0222



36.0443, 32.4202, 79.2209



32.2593, 32.4202, 10.3871

Square

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



36.0443, 32.4202, 79.2209



43.7224, 32.4202, 22.9172



26.1166, 32.4202, 11.6344



20.7355, 32.4202, 51.4924

Rectangle

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



36.0443, 32.4202, 79.2209



44.3725, 32.4202, 46.4793



26.1166, 32.4202, 11.6344



20.3446, 32.4202, 26.0746

Sweetspot

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



36.0455, 32.4214, 79.2217



77.5221, 79.1613, 105.8016



53.3050, 67.9059, 81.9983



16.1692, 16.4394, 22.5709



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.



36.0455, 32.4214, 79.2217



39.1131, 33.2286, 98.9600



43.4335, 35.3229, 79.3923



13.6357, 13.9928, 18.1265



8.1752, 3.4126, 42.6110



0.6230, 0.2899, 3.1551

Inverse Universe

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



47.7231, 38.5758, 32.5354



55.8060, 42.1499, 32.1950



54.7039, 69.6346, 36.5457



14.4037, 14.3787, 15.0604



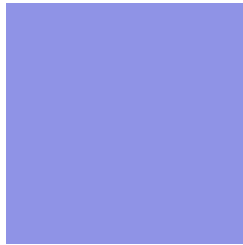
18.5200, 9.5422, 1.1013



1.3781, 0.7089, 0.1315

Previews

White Background



This preview shows how the XYZ color 36.0443, 32.4202, 79.2209 looks on a white background.

Color Contrast Check

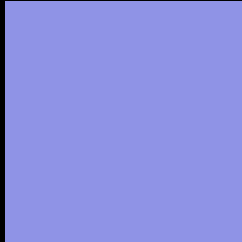
Large Text (above 18pt) WCAG AA × Fail

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 36.0443, 32.4202, 79.2209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

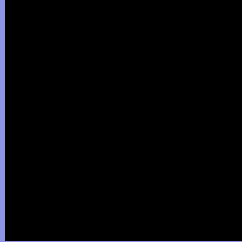
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0443, 32.4202, 79.2209

Background



This preview shows how black text looks on a background with the XYZ color 36.0443, 32.4202, 79.2209.



This preview shows how white text looks on a background with the XYZ color 36.0443, 32.4202,

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

36.0443, 32.4202, 79.2209

Protanopia

34.3753, 32.4337, 82.2905

Deuteranopia

33.4192, 32.5046, 78.6414



Tritanopia

28.8978, 32.4420, 43.7686

Trichromacy



Original Color

36.0443, 32.4202, 79.2209

Protanomaly

35.1300, 32.6014, 81.5319

Deuteranomaly

34.2627, 32.4575, 78.5878

Tritanomaly

31.1785, 32.3613, 55.0551

Monochromacy



Original Color

36.0443, 32.4202, 79.2209

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.4342, 32.4132, 48.8029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0443, 32.4202, 79.2209 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(143, 147, 230)` looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 230)  
}
```

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(143, 147, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 230) }
```

Border

The CSS property to change the border of an element to XYZ 36.0443, 32.4202, 79.2209 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(143, 147, 230) }
```


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

```
.border{ border-color:rgb(143, 147, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 147, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 230);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0443, 32.4202, 79.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 230) }
```

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

```
.background{ background-color: rgb(143,  
147, 230) }
```

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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