

Converting Colors

XYZ(21.0616, 9.3492, 91.1370)

Have a look what the booklet for
XYZ(21.0616, 9.3492, 91.1370)
contains.

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Color

**XYZ(21.0616, 9.3492,
91.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	5218FA
RGB	82, 24, 250
RGB Percent	32%, 9%, 98%
CMY	0.6784, 0.9059, 0.0196
CMYK	0.67, 0.90, 0.00, 0.02
HSL	255°, 96%, 54%
HSV	255°, 90%, 98%
XYZ	21.0616, 9.3492, 91.1370
YIQ	67.1060, -37.9780, 82.5820

Conversions

Conversions Part 2

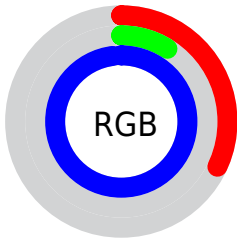
Format	Color
R _Y B	82, 24, 250
Decimal	5380346
CIE Lab	36.65, 75.64, -97.71
CIE LCh	37, 123.565, 307.742
Yxy	9.3492, 0.1733, 0.0769
Android (android.graphics.Color)	4283570426 (0xFF5218FA)
YUV	67.1060, 90.1667, 13.0620
Hunter-Lab	30.5765, 69.4451, -155.3178

Details

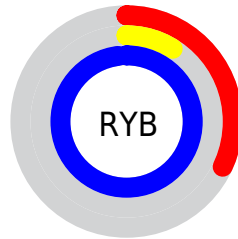
The XYZ color **21.0616, 9.3492, 91.1370** is a dark color, and the websafe version is hex **6600FF**, and the color name is **han purple**. The color can be described as dark washed blue. A complement of this color would be **56.0838, 79.6413, 13.2800**, and the grayscale version is **5.2184, 5.4901, 5.9788**.

A 20% lighter version of the original color is **34.4354, 20.4893, 96.7476**, and **9.5144, 3.8058, 50.1023** is the 20% darker color. If you saturate the color by 10%, you get **19.3814, 7.9981, 90.9651**, and if you desaturate by 10%, it is **23.6746, 11.8412, 91.4806**.

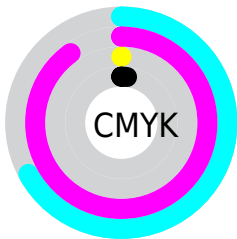
Distribution



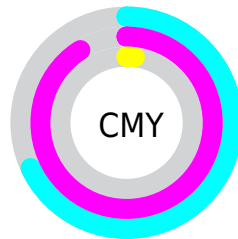
- Red (32%)
- Green (9%)
- Blue (98%)



- Red (32%)
- Yellow (9%)
- Blue (98%)



- Cyan (67%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)





- Cyan (68%)
- Magenta (91%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0616, 9.3492, 91.1370 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 21.0616, 9.3492, 91.1370 by changing the saturation by 10% instead.


 21.0616, 9.3492,
91.1370


 21.0616, 9.3492,
91.1370


250.3312,
185.9620, 552.3878


 13.2818, 4.9696,
68.3450


 44.6805, 24.5640,
150.8660

 7.7012, 2.2295,
49.7100


 61.2503, 36.1680,
188.6402

 3.9545, 0.7360,
34.8135


 81.4808, 50.9490,
232.2454

 1.6764, 0.0000,
23.2368

 105.7374, 69.2913,
282.1004

 0.4415, 0.0000,
14.5615

 134.3853, 91.5794,
338.6236

 0.0000, 0.0000,
8.3691

 167.7901,

 0.0000, 0.0000,

118.1976, 402.2335

4.2409

206.3169,
149.5303, 473.3487

■ 0.0000, 0.0000,
1.7584

■ 0.0000, 0.0000,
0.4003

■ 21.0616, 9.3492,
91.1370

■ 21.0616, 9.3492,
91.1370

■ 19.3814, 7.9981,
90.9651

■ 23.6746, 11.8412,
91.4806

■ 27.3352, 15.7327,
92.0388

■ 32.1573, 21.2065,
92.8412

■ 38.2378, 28.4168,
93.9125

■ 45.6627, 37.4988,
95.2741

■ 54.5104, 48.5742,
96.9456

■ 64.8526, 61.7543,
98.9445

■ 76.7562, 77.1419,
101.2872

■ 90.2841, 94.8332,
103.9890

Harmonies

Analogous

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



10.9886, 9.3492, 131.9161



21.0616, 9.3492, 91.1370



30.2271, 9.3492, 35.4402

Triad

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



21.0616, 9.3492, 91.1370



15.5962, 9.3492, 0.0000



0.8675, 9.3492, 16.8698

Complementary

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



21.0616, 9.3492, 91.1370



56.0838, 79.6413, 13.2800

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.



1.0848, 9.3492, 1.1570



21.0616, 9.3492, 91.1370



7.0706, 9.3492, 0.0000

Square

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



21.0616, 9.3492, 91.1370



26.0164, 9.3492, 0.0000



2.6334, 9.3492, 0.0000



1.6407, 9.3492, 62.7177

Rectangle

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



21.0616, 9.3492, 91.1370



32.7131, 9.3492, 11.9068



2.6334, 9.3492, 0.0000



0.8421, 9.3492, 8.6282

Sweetspot

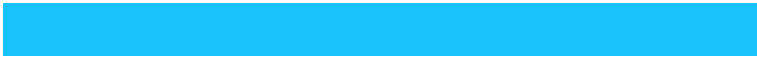
The Sweet Spot groups the original color and five complimentary colors.



21.0624, 9.3493, 91.1373



60.4943, 55.2137, 102.0766



36.8120, 45.4566, 97.2766



12.1957, 10.8642, 21.7042



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.



21.0624, 9.3493, 91.1373



20.2607, 8.3596, 95.1535



39.7013, 18.9580, 92.0096



16.7007, 16.8583, 21.7591



10.3926, 4.3003, 48.2558



1.0565, 0.4467, 4.4737

Inverse Universe

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



49.2632, 24.7818, 52.0447



50.4838, 24.9575, 50.6074



37.7005, 70.1644, 12.4197



17.7916, 17.4440, 20.7581



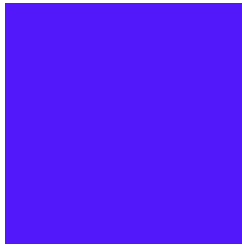
25.6646, 12.6816, 26.0060



2.4199, 1.1917, 2.6348

Previews

White Background



This preview shows how the XYZ color 21.0616, 9.3492, 91.1370 looks on a white background.

Color Contrast Check

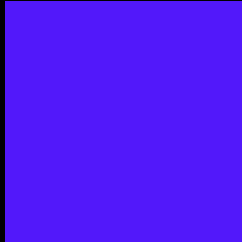
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 21.0616, 9.3492, 91.1370 looks on a black 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

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

XYZ 21.0616, 9.3492, 91.1370

Background



This preview shows how black text looks on a background with the XYZ color 21.0616, 9.3492, 91.1370.



This preview shows how white text looks on a background with the XYZ color 21.0616, 9.3492,

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

21.0616, 9.3492, 91.1370

Protanopia

10.7332, 9.2425, 41.2627

Deuteranopia

8.9177, 9.2829, 29.3387



Tritanopia

6.4412, 9.1240, 13.7335

Trichromacy



Original Color

21.0616, 9.3492, 91.1370

Protanomaly

12.9187, 7.9855, 56.7376

Deuteranomaly

11.1827, 7.5594, 46.7687

Tritanomaly

8.5799, 6.8988, 31.8897

Monochromacy



Original Color

21.0616, 9.3492, 91.1370

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

8.1594, 5.4666, 23.1794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0616, 9.3492, 91.1370 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(82, 24, 250)` looks like.

```
.text, #text, p{  
    color:rgb(82, 24, 250)  
}
```

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(82, 24, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 24, 250) }
```

Border

The CSS property to change the border of an element to XYZ 21.0616, 9.3492, 91.1370 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(82, 24, 250) }
```


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

```
.border{ border-color:rgb(82, 24, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 24, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 24, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 24, 250);  
box-shadow:4px 4px 4px 4px rgb(82, 24,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0616, 9.3492, 91.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 24, 250) }
```

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

```
.background{ background-color: rgb(82, 24,  
250) }
```

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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