

Converting Colors

XYZ(32.5896, 21.2780, 92.9544)

Have a look what the booklet for
XYZ(32.5896, 21.2780, 92.9544)
contains.

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Color

**XYZ(32.6075, 21.3002,
92.8352)**

Conversions

Conversions Part 1

Format	Color
Hex	8D62FA
RGB	141, 98, 250
RGB Percent	55%, 38%, 98%
CMY	0.4470, 0.6157, 0.0196
CMYK	0.44, 0.61, 0.00, 0.02
HSL	257°, 94%, 68%
HSV	257°, 61%, 98%
XYZ	32.6075, 21.3002, 92.8352
YIQ	128.1850, -23.1640, 56.3880

Conversions

Conversions Part 2

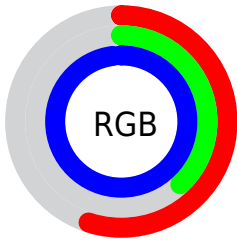
Format	Color
R_{YB}	141, 98, 250
Decimal	9265914
CIE _{Lab}	53.28, 51.42, -70.21
CIE _{LCh}	53, 87.020, 306.218
Yxy	21.3002, 0.2222, 0.1452
Android (android.graphics.Color)	4287455994 (0xFF8D62FA)
YUV	128.1850, 60.0548, 11.2388
Hunter-Lab	46.1521, 45.3479, -86.9556

Details

The XYZ color **32.6075, 21.3002, 92.8352** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **62.1217, 82.5183, 24.2090**, and the grayscale version is **20.3868, 21.4485, 23.3574**.

A 20% lighter version of the original color is **52.7758, 41.3121, 99.8002**, and **13.8796, 7.6251, 50.6094** is the 20% darker color. If you saturate the color by 10%, you get **27.8175, 15.8841, 92.0427**, and if you desaturate by 10%, it is **38.6231, 28.4323, 93.8953**.

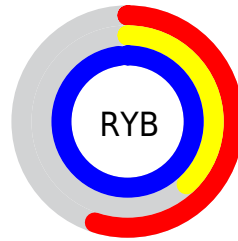
Distribution



Red (55%)

Green (38%)

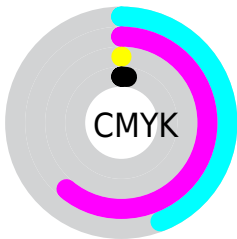
Blue (98%)



Red (55%)

Yellow (38%)

Blue (98%)

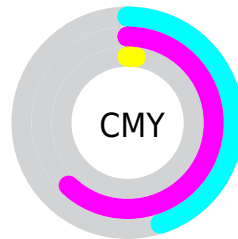


Cyan (44%)

Magenta (61%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (62%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6075, 21.3002, 92.8352 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 32.6075, 21.3002, 92.8352 by changing the saturation by 10% instead.

■ 32.6075, 21.3002,
92.8352

■ 32.6075, 21.3002,
92.8352

305.5737,
258.8696, 558.0174

■ 21.9837, 13.3436,
69.7476

■ 63.1210, 45.5866,
153.2402

■ 13.9615, 7.6656,
50.8453

■ 83.7415, 62.6852,
191.3946

■ 8.1754, 3.8817,
35.7096

■ 108.4250, 83.6000,
235.4085

■ 4.2601, 1.6076,
23.9221

■ 137.5367,
108.7153, 285.7003

■ 1.8503, 0.3627,
15.0642

171.4421,
138.4155, 342.6885

■ 0.5477, 0.0000,
8.7173

210.5065,

■ 0.0000, 0.0000,

173.0850, 406.7918

4.4630

255.0952,
213.1083, 478.4286

■ 0.0000, 0.0000,
1.8826

■ 0.0000, 0.0000,
0.4816

■ 32.6075, 21.3002,
92.8352

■ 32.6075, 21.3002,
92.8352

■ 27.8175, 15.8841,
92.0427

■ 38.6231, 28.4323,
93.8953

■ 24.1558, 12.0285,
91.4915

■ 45.9448, 37.4129,
95.2428

■ 21.5132, 9.5520,
91.1528

■ 54.6496, 48.3634,
96.8976

■ 19.8342, 8.2316,
90.9864

■ 64.8072, 61.3942,
98.8775

■ 76.4824, 76.6073,
101.1986

■ 89.7360, 94.0981,
103.8761

■ 94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



22.2236, 21.3002, 118.8938



32.6075, 21.3002, 92.8352



41.1453, 21.3002, 50.2269

Triad

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



32.6075, 21.3002, 92.8352



28.2543, 21.3002, 0.8547



7.2549, 21.3002, 29.1277

Complementary

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



32.6075, 21.3002, 92.8352



62.1217, 82.5183, 24.2090

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.



7.9838, 21.3002, 8.1685



32.6075, 21.3002, 92.8352



18.3879, 21.3002, 0.3739

Square

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



32.6075, 21.3002, 92.8352



38.1452, 21.3002, 4.2843



11.4845, 21.3002, 1.6246



9.0598, 21.3002, 67.8871

Rectangle

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



32.6075, 21.3002, 92.8352



43.5398, 21.3002, 26.6987



11.4845, 21.3002, 1.6246



7.2219, 21.3002, 20.0071

Sweetspot

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



32.6085, 21.3009, 92.8357



71.0256, 68.4132, 104.0694



45.2078, 55.3295, 98.7399



14.4779, 13.7043, 22.1321



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.



32.6085, 21.3009, 92.8357



28.1265, 15.5601, 96.1287



49.5109, 30.0144, 93.6268



16.7441, 16.8807, 21.7611



10.6414, 4.4285, 48.2675



1.0845, 0.4612, 4.4750

Inverse Universe

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



55.0544, 33.5645, 62.6063



54.0592, 29.7779, 58.9834



46.1373, 74.2781, 23.4610



17.7713, 17.4359, 20.6517



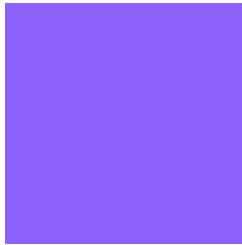
25.3072, 12.5386, 24.1237



2.3893, 1.1794, 2.4733

Previews

White Background



This preview shows how the XYZ color 32.6075, 21.3002, 92.8352 looks on a white background.

Color Contrast Check

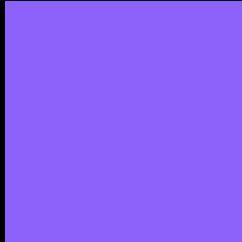
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6075, 21.3002, 92.8352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

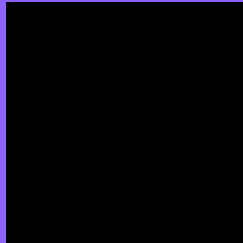
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6075, 21.3002, 92.8352

Background



This preview shows how black text looks on a background with the XYZ color 32.6075, 21.3002, 92.8352.



This preview shows how white text looks on a background with the XYZ color 32.6075, 21.3002,

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

32.6075, 21.3002, 92.8352

Protanopia

25.7602, 21.7093, 97.4403

Deuteranopia

21.8478, 21.5113, 75.6736



Tritanopia

19.5233, 21.1714, 27.8684

Trichromacy



Original Color

32.6075, 21.3002, 92.8352



Protanomaly

26.4194, 20.5042, 95.4938



Deuteranomaly

22.8391, 19.6588, 81.1880



Tritanomaly

23.0288, 20.5372, 45.9303

Monochromacy



Original Color

32.6075, 21.3002, 92.8352



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

23.4805, 20.6877, 41.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6075, 21.3002, 92.8352 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(141, 98, 250)` looks like.

```
.text, #text, p{  
    color:rgb(141, 98, 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(141, 98, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 98, 250) }
```

Border

The CSS property to change the border of an element to XYZ 32.6075, 21.3002, 92.8352 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(141, 98, 250) }
```


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

```
.border{ border-color:rgb(141, 98, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 98, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 98, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 98, 250);  
box-shadow:4px 4px 4px 4px rgb(141, 98,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6075, 21.3002, 92.8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 98, 250) }
```

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

```
.background{ background-color: rgb(141, 98,  
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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