

Converting Colors

XYZ(32.1094, 24.6893, 86.2923)

Have a look what the booklet for
XYZ(32.1094, 24.6893, 86.2923)
contains.

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Color

**XYZ(32.1094, 24.6893,
86.2923)**

Conversions

Conversions Part 1

Format	Color
Hex	8478F1
RGB	132, 120, 241
RGB Percent	52%, 47%, 95%
CMY	0.4823, 0.5294, 0.0549
CMYK	0.45, 0.50, 0.00, 0.05
HSL	246°, 81%, 71%
HSV	246°, 50%, 95%
XYZ	32.1094, 24.6893, 86.2923
YIQ	137.3820, -31.6890, 40.1750

Conversions

Conversions Part 2

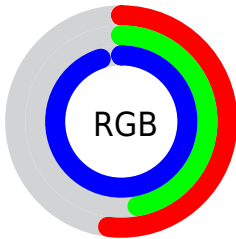
Format	Color
R_{YB}	132, 120, 241
Decimal	8681713
CIE _{Lab}	56.77, 34.56, -59.62
CIE _{LCh}	57, 68.909, 300.103
Yxy	24.6893, 0.2244, 0.1725
Android (android.graphics.Color)	4286871793 (0xFF8478F1)
YUV	137.3820, 51.0837, -4.7200
Hunter-Lab	49.6883, 28.3950, -68.1854

Details

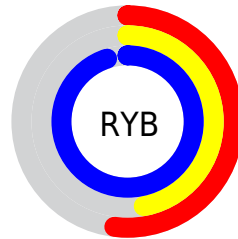
The XYZ color **32.1094, 24.6893, 86.2923** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **67.1578, 80.9246, 29.8501**, and the grayscale version is **23.7445, 24.9810, 27.2043**.

A 20% lighter version of the original color is **54.2288, 48.0543, 101.0250**, and **13.6526, 9.3836, 46.4391** is the 20% darker color. If you saturate the color by 10%, you get **26.5185, 18.0327, 85.3026**, and if you desaturate by 10%, it is **39.1380, 33.1702, 87.5593**.

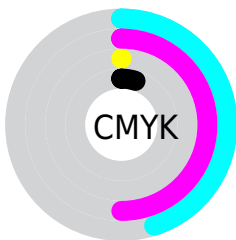
Distribution



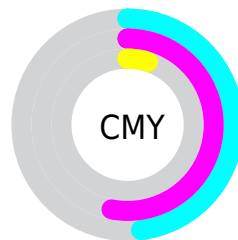
- Red (52%)
- Green (47%)
- Blue (95%)



- Red (52%)
- Yellow (47%)
- Blue (95%)



- Cyan (45%)
- Magenta (50%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (53%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1094, 24.6893, 86.2923 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 32.1094, 24.6893, 86.2923 by changing the saturation by 10% instead.

■ 32.1094, 24.6893,
86.2923

■ 32.1094, 24.6893,
86.2923

303.3537,
276.2871, 536.1502

■ 21.6010, 15.8457,
64.3534

■ 62.3466, 51.1527,
144.0675

■ 13.6790, 9.4151,
46.4890

■ 82.8061, 69.5414,
180.7408

■ 7.9779, 5.0129,
32.2804

■ 107.3134, 91.8805,
223.1628

■ 4.1325, 2.2548,
21.3092

136.2338,
118.5545, 271.7519

■ 1.7774, 0.7496,
13.1567

169.9327,
149.9477, 326.9266

■ 0.5040, 0.0000,
7.4046

208.7754,

■ 0.0000, 0.0000,

186.4447, 389.1056

3.6341

253.1273,
228.4296, 458.7073

■ 0.0000, 0.0000,
1.4269

■ 0.0000, 0.0000,
0.1625

■ 32.1094, 24.6893,
86.2923

■ 32.1094, 24.6893,
86.2923

■ 26.5185, 18.0327,
85.3026

■ 39.1380, 33.1702,
87.5593

■ 22.2621, 13.0634,
84.5678

■ 47.6916, 43.5937,
89.1205

■ 19.2284, 9.6294,
84.0649

■ 57.8540, 56.0710,
90.9932

■ 17.2854, 7.5496,
83.7658

■ 69.7021, 70.7043,
93.1932

■ 16.2518, 6.5440,
83.6262

■ 83.3079, 87.5888,
95.7352

■ 92.8773, 99.1309,
97.4587

Harmonies

Analogous

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



23.4941, 24.6893, 99.9552



32.1094, 24.6893, 86.2923



39.5897, 24.6893, 55.5556

Triad

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



32.1094, 24.6893, 86.2923



32.0503, 24.6893, 3.8650



11.1495, 24.6893, 26.9619

Complementary

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



32.1094, 24.6893, 86.2923



67.1578, 80.9246, 29.8501

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.



12.4502, 24.6893, 10.2971



32.1094, 24.6893, 86.2923



23.4388, 24.6893, 2.4625

Square

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



32.1094, 24.6893, 86.2923



39.5504, 24.6893, 10.2248



16.5328, 24.6893, 3.8868



12.4684, 24.6893, 55.7789

Rectangle

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



32.1094, 24.6893, 86.2923



42.2372, 24.6893, 35.2370



16.5328, 24.6893, 3.8868



11.2902, 24.6893, 19.9653

Sweetspot

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



32.1105, 24.6901, 86.2929



72.4788, 72.0177, 104.6885



52.1760, 67.4497, 93.4888



14.9119, 14.6722, 22.2960



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.



32.1105, 24.6901, 86.2929



30.1615, 20.5170, 96.9782



43.9754, 30.8067, 86.8482



15.0427, 15.3037, 19.8827



8.8633, 3.5746, 45.3507



0.7859, 0.3224, 3.7750

Inverse Universe

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



57.1349, 37.7911, 78.4095



61.6930, 37.0434, 86.1976



51.5138, 72.8598, 29.1180



16.3827, 16.0028, 19.5716



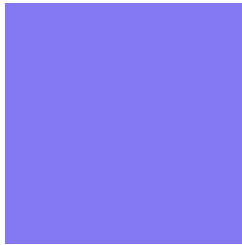
26.4982, 12.8717, 36.8695



2.2238, 1.0786, 3.1694

Previews

White Background



This preview shows how the XYZ color 32.1094, 24.6893, 86.2923 looks on a white background.

Color Contrast Check

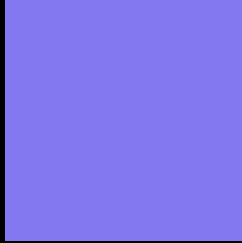
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1094, 24.6893, 86.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

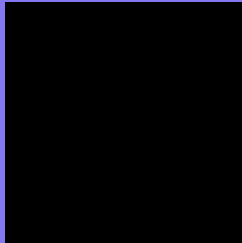
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1094, 24.6893, 86.2923

Background



This preview shows how black text looks on a background with the XYZ color 32.1094, 24.6893, 86.2923.



This preview shows how white text looks on a background with the XYZ color 32.1094, 24.6893,

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

32.1094, 24.6893, 86.2923

Protanopia

28.6534, 24.9721, 96.2384

Deuteranopia

25.8427, 25.0483, 83.5935



Tritanopia

21.4590, 24.5378, 33.7423

Trichromacy



Original Color

32.1094, 24.6893, 86.2923

Protanomaly

29.4341, 24.6576, 92.8306

Deuteranomaly

27.0286, 24.1995, 84.1353

Tritanomaly

24.4806, 24.0597, 49.2527

Monochromacy



Original Color

32.1094, 24.6893, 86.2923

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.8458, 24.4786, 43.9201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1094, 24.6893, 86.2923 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(132, 120, 241)` looks like.

```
.text, #text, p{  
    color:rgb(132, 120, 241)  
}
```

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(132, 120, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 120, 241) }
```

Border

The CSS property to change the border of an element to XYZ 32.1094, 24.6893, 86.2923 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(132, 120, 241) }
```


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

```
.border{ border-color:rgb(132, 120, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 120, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 120, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 120, 241);  
box-shadow:4px 4px 4px 4px rgb(132, 120,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1094, 24.6893, 86.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 120, 241) }
```

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

```
.background{ background-color: rgb(132,  
120, 241) }
```

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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