

Converting Colors

XYZ(30.4610, 14.1078, 95.7254)

Have a look what the booklet for
XYZ(30.4610, 14.1078, 95.7254)
contains.

XYZ(30.4093, 14.0763, 95.7220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4093, 14.0763,
95.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	9318FF
RGB	147, 24, 255
RGB Percent	58%, 9%, 100%
CMY	0.4235, 0.9059, 0.0000
CMYK	0.42, 0.91, 0.00, 0.00
HSL	272°, 100%, 55%
HSV	272°, 91%, 100%
XYZ	30.4093, 14.0763, 95.7220
YIQ	87.1110, -0.8430, 97.9170

Conversions

Conversions Part 2

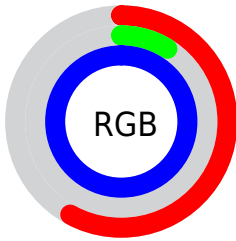
Format	Color
R _Y B	147, 24, 255
Decimal	9640191
CIE Lab	44.34, 81.88, -87.56
CIE LCh	44, 119.875, 313.081
Yxy	14.0763, 0.2169, 0.1004
Android (android.graphics.Color)	4287830271 (0xFF9318FF)
YUV	87.1110, 82.7693, 52.5227
Hunter-Lab	37.5184, 79.0201, -125.0058

Details

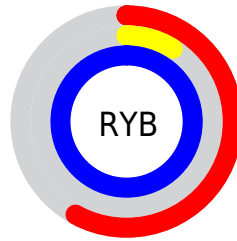
The XYZ color **30.4093, 14.0763, 95.7220** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **45.4392, 76.4908, 13.2333**, and the grayscale version is **8.9111, 9.3752, 10.2096**.

A 20% lighter version of the original color is **48.2588, 28.6040, 97.5853**, and **13.5577, 5.8251, 53.2331** is the 20% darker color. If you saturate the color by 10%, you get **28.1687, 12.4364, 95.5235**, and if you desaturate by 10%, it is **33.4527, 16.8218, 96.0915**.

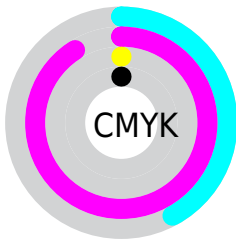
Distribution



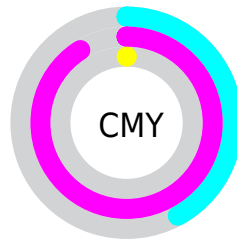
- Red (58%)
- Green (9%)
- Blue (100%)



- Red (58%)
- Yellow (9%)
- Blue (100%)



- Cyan (42%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4093, 14.0763, 95.7220 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 30.4093, 14.0763, 95.7220 by changing the saturation by 10% instead.


 30.4093, 14.0763,
95.7220


 30.4093, 14.0763,
95.7220


295.6834,
217.7050, 567.5171


 20.2991, 8.1738,
72.1358


 59.6911, 33.2243,
157.2658

 12.7222, 4.2063,
52.7821


 79.5933, 47.2386,
196.0606

 7.3132, 1.7896,
37.2423


 103.4903, 64.7256,
240.7620

 3.7068, 0.4807,
25.0979

 131.7473, 86.0697,
291.7885

 1.5376, 0.0000,
15.9303

 164.7298,
111.6553, 349.5588

 0.3512, 0.0000,
9.3211

 202.8031,

 0.0000, 0.0000,

141.8668, 414.4913

4.8515

246.3325,
177.0885, 487.0045

■ 0.0000, 0.0000,
2.1032

■ 0.0000, 0.0000,
0.6177

■ 30.4093, 14.0763,
95.7220

■ 30.4093, 14.0763,
95.7220

■ 28.1687, 12.4364,
95.5235

■ 33.4527, 16.8218,
96.0915

■ 37.3273, 20.8926,
96.6730

■ 42.1285, 26.4689,
97.4963

■ 47.9362, 33.7018,
98.5863

■ 54.8205, 42.7230,
99.9647

■ 62.8446, 53.6507,
101.6511

■ 72.0665, 66.5928,
103.6631

■ 82.5396, 81.6488,
106.0172

94.3142, 98.9115,
108.7287

Harmonies

Analogous

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



18.0178, 14.0763, 146.5146



30.4093, 14.0763, 95.7220



40.0280, 14.0763, 36.4925

Triad

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



30.4093, 14.0763, 95.7220



19.5170, 14.0763, 0.0000



2.2390, 14.0763, 30.7161

Complementary

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



30.4093, 14.0763, 95.7220



45.4392, 76.4908, 13.2333

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.



2.3378, 14.0763, 4.5008



30.4093, 14.0763, 95.7220



9.6139, 14.0763, 0.0000

Square

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



30.4093, 14.0763, 95.7220



31.9490, 14.0763, 0.0000



4.3041, 14.0763, 0.0000



3.9057, 14.0763, 87.4627

Rectangle

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



30.4093, 14.0763, 95.7220



41.6565, 14.0763, 12.6519



4.3041, 14.0763, 0.0000



2.1041, 14.0763, 18.3542

Sweetspot

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



30.4101, 14.0767, 95.7220



66.0142, 58.0592, 102.3350



27.1813, 24.9236, 97.9859



13.4837, 11.5282, 21.7644



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.



30.4101, 14.0767, 95.7220



28.1687, 12.4364, 95.5235



59.0028, 28.8876, 93.8568



17.9267, 17.8539, 22.7513



14.8929, 6.5880, 49.9213



1.5762, 0.7065, 4.8666

Inverse Universe

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



45.7308, 23.5788, 23.9677



44.5826, 22.5970, 19.5319



36.3444, 71.7973, 13.0317



18.3628, 18.1284, 20.5276



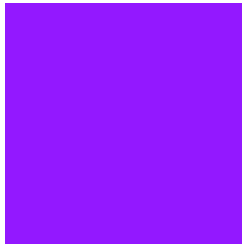
23.3692, 11.8370, 10.5948



2.3300, 1.1744, 1.3190

Previews

White Background



This preview shows how the XYZ color 30.4093, 14.0763, 95.7220 looks on a white background.

Color Contrast Check

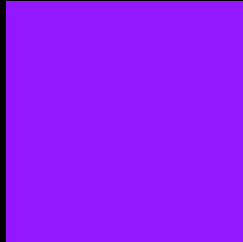
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.4093, 14.0763, 95.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

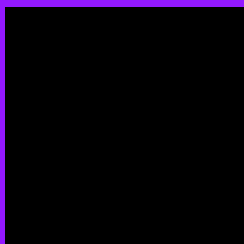
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.4093, 14.0763, 95.7220

Background



This preview shows how black text looks on a background with the XYZ color 30.4093, 14.0763, 95.7220.



This preview shows how white text looks on a background with the XYZ color 30.4093, 14.0763,

95.7220.

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

30.4093, 14.0763, 95.7220

Protanopia

16.7616, 14.3068, 64.8289

Deuteranopia

13.9098, 14.1440, 46.7967



Tritanopia

14.3534, 13.9889, 16.4116

Trichromacy



Original Color

30.4093, 14.0763, 95.7220



Protanomaly

17.9206, 11.2559, 74.6269



Deuteranomaly

15.6307, 10.6681, 61.5569



Tritanomaly

17.5083, 11.8093, 35.5391

Monochromacy



Original Color

30.4093, 14.0763, 95.7220



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

13.4854, 9.0561, 29.0542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4093, 14.0763, 95.7220 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(147, 24, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 24, 255)  
}
```

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(147, 24, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 24, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.4093, 14.0763, 95.7220 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(147, 24, 255) }
```


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

```
.border{ border-color:rgb(147, 24, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 24, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 24, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 24, 255); box-shadow:4px 4px 4px 4px rgb(147, 24, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4093, 14.0763, 95.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 24, 255) }
```

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

```
.background{ background-color: rgb(147, 24,  
255) }
```

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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