

Converting Colors

XYZ(24.1484, 10.4871, 95.3592)

Have a look what the booklet for
XYZ(24.1484, 10.4871, 95.3592)
contains.

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Color

**XYZ(24.2002, 10.5195,
95.3627)**

Conversions

Conversions Part 1

Format	Color
Hex	6B08FF
RGB	107, 8, 255
RGB Percent	42%, 3%, 100%
CMY	0.5804, 0.9687, 0.0000
CMYK	0.58, 0.97, 0.00, 0.00
HSL	264°, 100%, 52%
HSV	264°, 97%, 100%
XYZ	24.2002, 10.5195, 95.3627
YIQ	65.7590, -20.2830, 97.8050

Conversions

Conversions Part 2

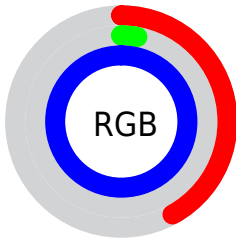
Format	Color
RYB	107, 8, 255
Decimal	7014655
CIELab	38.76, 80.88, -96.94
CIElCh	39, 126.247, 309.837
Yxy	10.5195, 0.1860, 0.0809
Android (android.graphics.Color)	4285204735 (0xFF6B08FF)
YUV	65.7590, 93.2958, 36.1684
Hunter-Lab	32.4338, 76.4272, -151.6225

Details

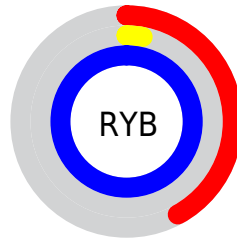
The XYZ color **24.2002, 10.5195, 95.3627** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **49.5104, 78.6035, 12.7919**, and the grayscale version is **5.0038, 5.2644, 5.7329**.

A 20% lighter version of the original color is **38.5229, 22.2533, 96.8727**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **23.5546, 10.0577, 95.3076**, and if you desaturate by 10%, it is **26.6739, 12.4934, 95.6133**.

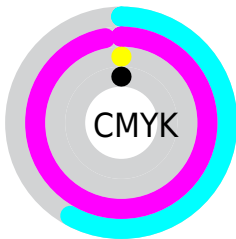
Distribution



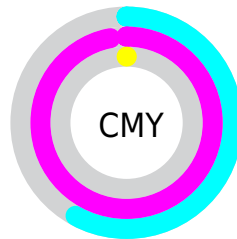
- Red (42%)
- Green (3%)
- Blue (100%)



- Red (42%)
- Yellow (3%)
- Blue (100%)



- Cyan (58%)
- Magenta (97%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (97%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2002, 10.5195, 95.3627 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 24.2002, 10.5195, 95.3627 by changing the saturation by 10% instead.


 24.2002, 10.5195,
95.3627

 24.2002, 10.5195,
95.3627


266.2528,
194.3407, 566.3394


 15.6077, 5.7447,
71.8383


 49.8090, 26.7681,
156.7655


 9.3361, 2.6905,
52.5406


 67.5560, 39.0108,
195.4810


 5.0199, 0.9724,
37.0509


 89.0853, 54.5116,
240.0973

 2.2938, 0.0000,
24.9508

 114.7622, 73.6549,
291.0329

 0.7915, 0.0000,
15.8217

 144.9520, 96.8250,
348.7064

 0.0000, 0.0000,
9.2451

 180.0202,

 0.0000, 0.0000,

124.4064, 413.5363

4.8024

220.3320,
156.7835, 485.9411

■ 0.0000, 0.0000,
2.0751

■ 0.0000, 0.0000,
0.6009

■ 24.2002, 10.5195,
95.3627

■ 24.2002, 10.5195,
95.3627

■ 23.5546, 10.0577,
95.3076

■ 26.6739, 12.4934,
95.6133

■ 30.0224, 15.7127,
96.0582

■ 34.3651, 20.3935,
96.7328

■ 39.7983, 26.7071,
97.6651

■ 46.4051, 34.8004,
98.8791

■ 54.2596, 44.8031,
100.3958

■ 63.4295, 56.8327,
102.2345

■ 73.9770, 70.9968,
104.4125

■ 85.9604, 87.3954,
106.9461

Harmonies

Analogous

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



12.9977, 10.5195, 142.5712



24.2002, 10.5195, 95.3627



33.8866, 10.5195, 35.7132

Triad

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



24.2002, 10.5195, 95.3627



16.6108, 10.5195, 0.0000



1.0580, 10.5195, 21.2343

Complementary

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



24.2002, 10.5195, 95.3627



49.5104, 78.6035, 12.7919

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.



1.2341, 10.5195, 1.7944



24.2002, 10.5195, 95.3627



7.5002, 10.5195, 0.0000

Square

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



24.2002, 10.5195, 95.3627



28.0705, 10.5195, 0.0000



2.8401, 10.5195, 0.0000



2.0460, 10.5195, 73.3031

Rectangle

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



24.2002, 10.5195, 95.3627



36.1536, 10.5195, 11.5850



2.8401, 10.5195, 0.0000



1.0061, 10.5195, 11.3239

Sweetspot

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



24.2009, 10.5196, 95.3627



61.3605, 54.0918, 101.8145



30.0712, 31.1140, 99.0284



12.2875, 10.4659, 21.6224



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.



24.2009, 10.5196, 95.3627



23.5546, 10.0577, 95.3076



50.8658, 24.2659, 96.6106



17.6922, 17.7330, 22.7403



12.4652, 5.3365, 49.8076



1.3330, 0.5811, 4.8552

Inverse Universe

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



47.3258, 23.8331, 33.5500



46.9715, 23.5526, 32.1118



36.4211, 71.8557, 12.1793



18.4663, 18.1698, 21.0728



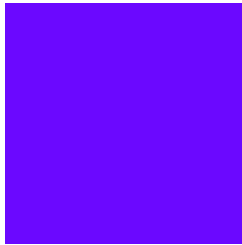
24.6194, 12.3371, 17.1782



2.4511, 1.2228, 1.9571

Previews

White Background



This preview shows how the XYZ color 24.2002, 10.5195, 95.3627 looks on a white background.

Color Contrast Check

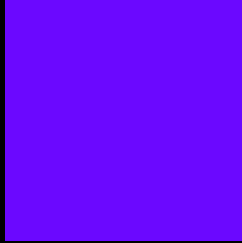
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2002, 10.5195, 95.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

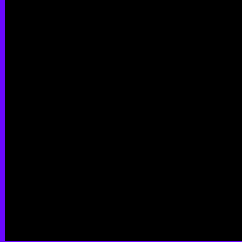
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2002, 10.5195, 95.3627

Background



This preview shows how black text looks on a background with the XYZ color 24.2002, 10.5195, 95.3627.



This preview shows how white text looks on a background with the XYZ color 24.2002, 10.5195,

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

24.2002, 10.5195, 95.3627

Protanopia

12.4353, 10.6899, 47.8623

Deuteranopia

10.1743, 10.4740, 33.8332



Tritanopia

8.2424, 10.5661, 15.5150

Trichromacy



Original Color

24.2002, 10.5195, 95.3627

Protanomaly

14.2104, 8.3662, 62.4939

Deuteranomaly

12.2398, 7.8366, 51.3196

Tritanomaly

10.7651, 7.6986, 34.6368

Monochromacy



Original Color

24.2002, 10.5195, 95.3627

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.7049, 5.3754, 23.5004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2002, 10.5195, 95.3627 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(107, 8, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 8, 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(107, 8, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 8, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.2002, 10.5195, 95.3627 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(107, 8, 255) }
```


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

```
.border{ border-color:rgb(107, 8, 255) }
```

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

Here you see how a box with a 4 pixel rgb(107, 8, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 8, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 8, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 8,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2002, 10.5195, 95.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 8, 255) }
```

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

```
.background{ background-color: rgb(107, 8,  
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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