

Converting Colors

XYZ(19.5493, 8.4442, 75.4624)

Have a look what the booklet for
XYZ(19.5493, 8.4442, 75.4624)
contains.

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Color

**XYZ(19.5493, 8.4442,
75.4624)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6401E6 |
| RGB | 100, 1, 230 |
| RGB Percent | 39%, 0%, 90% |
| CMY | 0.6078, 0.9961, 0.0980 |
| CMYK | 0.57, 1.00, 0.00, 0.10 |
| HSL | 266°, 99%, 45% |
| HSV | 266°, 100%, 90% |
| XYZ | 19.5493, 8.4442, 75.4624 |
| YIQ | 56.7070, -14.5050, 92.2070 |

Conversions

Conversions Part 2

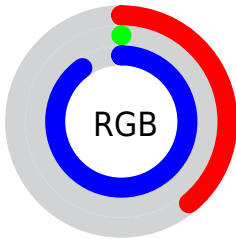
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 100, 1, 230 |
| Decimal | 6554086 |
| CIE _{Lab} | 34.89, 75.78, -89.25 |
| CIE _{LCh} | 35, 117.084, 310.336 |
| Yxy | 8.4442, 0.1890, 0.0816 |
| Android (android.graphics.Color) | 4284744166 (0xFF6401E6) |
| YUV | 56.7070, 85.4334, 37.9680 |
| Hunter-Lab | 29.0589, 69.2323, -133.6276 |

Details

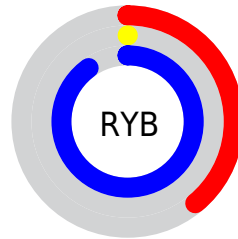
The XYZ color **19.5493, 8.4442, 75.4624** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **37.6597, 61.4199, 9.8987**, and the grayscale version is **3.7441, 3.9391, 4.2897**.

A 20% lighter version of the original color is **36.1515, 20.3882, 96.6377**, and **7.5428, 3.0171, 39.7200** is the 20% darker color. If you saturate the color by 10%, you get **19.4774, 8.3910, 75.4562**, and if you desaturate by 10%, it is **21.4274, 9.8808, 75.6410**.

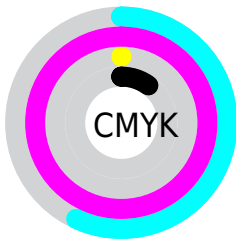
Distribution



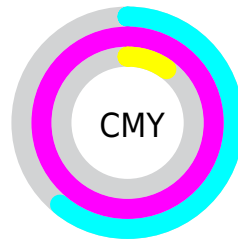
- Red (39%)
- Green (0%)
- Blue (90%)



- Red (39%)
- Yellow (0%)
- Blue (90%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)




- Cyan (61%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5493, 8.4442, 75.4624 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 19.5493, 8.4442, 75.4624 by changing the saturation by 10% instead.


 19.5493, 8.4442,
75.4624


 19.5493, 8.4442,
75.4624


242.3450,
179.1757, 498.8032


 12.1742, 4.3805,
55.4878


 42.1700, 22.8248,
128.7198


 6.9355, 1.8886,
39.3912


 58.1463, 33.9104,
162.8397


 3.4678, 0.5415,
26.7540


 77.7204, 48.1054,
202.5117

 1.4057, 0.0000,
17.1577

 101.2576, 65.7943,
248.1544

 0.2603, 0.0000,
10.1839

 129.1233, 87.3613,
300.1864

 0.0000, 0.0000,
5.4138


 161.6829,

 0.0000, 0.0000,

113.1910, 359.0261

2.4291

 199.3017,
143.6677, 425.0922

 0.0000, 0.0000,
0.8022

 0.0000, 0.0000,
0.0000

 19.5493, 8.4442,
75.4624


 19.5493, 8.4442,
75.4624

 19.4774, 8.3910,
75.4562

 21.4274, 9.8808,
75.6410

 23.9205, 12.1899,
75.9553

 27.1488, 15.5959,
76.4426

 31.1880, 20.2374,
77.1256

■ 36.1032, 26.2312,
78.0234

■ 41.9520, 33.6803,
79.1530

■ 48.7866, 42.6775,
80.5294

■ 56.6551, 53.3075,
82.1665

■ 65.6020, 65.6488,
84.0770

Harmonies

Analogous

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



10.5597, 8.4442, 113.7345



19.5493, 8.4442, 75.4624



27.2301, 8.4442, 27.9732

Triad

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



19.5493, 8.4442, 75.4624



13.1738, 8.4442, 0.0000



0.8597, 8.4442, 17.5054

Complementary

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



19.5493, 8.4442, 75.4624



37.6597, 61.4199, 9.8987

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.



0.9875, 8.4442, 1.5379



19.5493, 8.4442, 75.4624



5.9339, 8.4442, 0.0000

Square

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



19.5493, 8.4442, 75.4624



22.3485, 8.4442, 0.0000



2.2504, 8.4442, 0.0000



1.6748, 8.4442, 59.5184

Rectangle

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



19.5493, 8.4442, 75.4624



28.9571, 8.4442, 8.9800



2.2504, 8.4442, 0.0000



0.8132, 8.4442, 9.4119

Sweetspot

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



19.5499, 8.4443, 75.4627



61.0995, 53.1943, 101.6550



22.9007, 22.9302, 78.0821



12.2675, 10.3123, 21.5939



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.



19.5499, 8.4443, 75.4627



24.5121, 10.5513, 95.3524



41.1336, 19.5711, 76.4728



14.1709, 14.1903, 18.1365



11.1612, 4.8197, 42.7252



0.9295, 0.4102, 3.1621

Inverse Universe

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



36.7395, 18.4827, 23.0976



46.3312, 23.2965, 28.7401



28.5923, 56.7455, 9.4744



14.7180, 14.5044, 16.7155



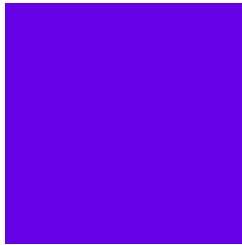
20.8398, 10.4701, 13.3173



1.5864, 0.7923, 1.2284

Previews

White Background



This preview shows how the XYZ color 19.5493, 8.4442, 75.4624 looks on a white background.

Color Contrast Check

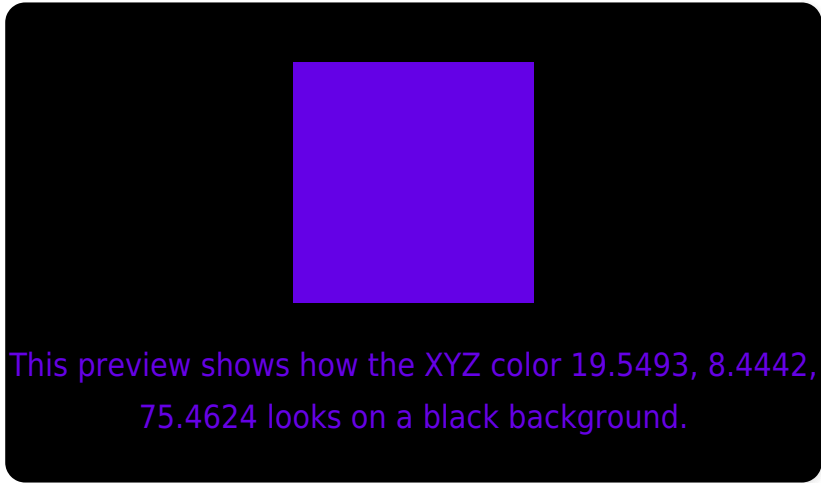
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 19.5493, 8.4442, 75.4624

Background



This preview shows how black text looks on a background with the XYZ color 19.5493, 8.4442, 75.4624.



This preview shows how white text looks on a background with the XYZ color 19.5493, 8.4442,

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

19.5493, 8.4442, 75.4624

Protanopia

10.1039, 8.7494, 38.6924

Deuteranopia

8.3618, 8.6692, 27.6182



Tritanopia

7.0454, 8.6859, 12.6145

Trichromacy



Original Color

19.5493, 8.4442, 75.4624

Protanomaly

11.3595, 6.5926, 49.9640

Deuteranomaly

9.8316, 6.2026, 41.2365

Tritanomaly

8.9579, 6.1995, 27.5126

Monochromacy



Original Color

19.5493, 8.4442, 75.4624

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.7994, 4.0957, 18.2015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5493, 8.4442, 75.4624 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(100, 1, 230)` looks like.

```
.text, #text, p{  
    color:rgb(100, 1, 230)  
}
```

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(100, 1, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 1, 230) }
```

Border

The CSS property to change the border of an element to XYZ 19.5493, 8.4442, 75.4624 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(100, 1, 230) }
```


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

```
.border{ border-color:rgb(100, 1, 230) }
```

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

Here you see how a box with a 4 pixel rgb(100, 1, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 1, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 1, 230);  
box-shadow:4px 4px 4px 4px rgb(100, 1,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5493, 8.4442, 75.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 1, 230) }
```

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

```
.background{ background-color: rgb(100, 1,  
230) }
```

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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