

Converting Colors

XYZ(22.6160, 9.5739, 95.2637)

Have a look what the booklet for
XYZ(22.6160, 9.5739, 95.2637)
contains.

XYZ(22.6661, 9.5997, 95.2660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**XYZ(22.6661, 9.5997,
95.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	5E00FF
RGB	94, 0, 255
RGB Percent	37%, 0%, 100%
CMY	0.6313, 1.0000, 0.0000
CMYK	0.63, 1.00, 0.00, 0.00
HSL	262°, 100%, 50%
HSV	262°, 100%, 100%
XYZ	22.6661, 9.5997, 95.2660
YIQ	57.1760, -25.8310, 99.2330

Conversions

Conversions Part 2

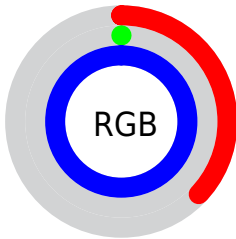
Format	Color
RYB	94, 0, 255
Decimal	6160639
CIELab	37.11, 81.12, -99.71
CIELCh	37, 128.543, 309.130
Yxy	9.5997, 0.1777, 0.0753
Android (android.graphics.Color)	4284350719 (0xFF5E00FF)
YUV	57.1760, 97.5272, 32.2946
Hunter-Lab	30.9834, 76.3619, -160.6133

Details

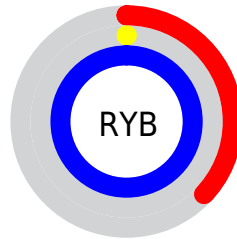
The XYZ color **22.6661, 9.5997, 95.2660** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **50.4561, 79.0961, 12.6078**, and the grayscale version is **3.7915, 3.9890, 4.3440**.

A 20% lighter version of the original color is **35.8786, 20.4553, 96.6650**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **22.6670, 9.6002, 95.2661**, and if you desaturate by 10%, it is **24.8523, 11.2588, 95.4710**.

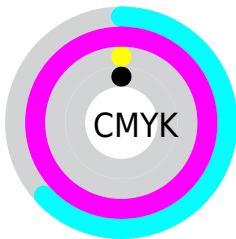
Distribution



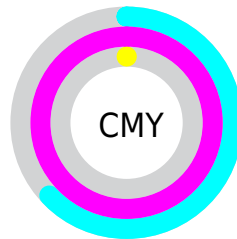
- Red (37%)
- Green (0%)
- Blue (100%)



- Red (37%)
- Yellow (0%)
- Blue (100%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6661, 9.5997, 95.2660 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 22.6661, 9.5997, 95.2660 by changing the saturation by 10% instead.

■ 22.6661, 9.5997,
95.2660

■ 22.6661, 9.5997,
95.2660

258.5728,
187.7907, 566.0223

■ 14.4665, 5.1344,
71.7583

■ 47.3152, 25.0398,
156.6308

■ 8.5297, 2.3263,
52.4756

■ 64.4954, 36.7834,
195.3249

■ 4.4903, 0.7876,
36.9995

■ 85.3998, 51.7218,
239.9183

■ 1.9831, 0.0000,
24.9113

■ 110.3938, 70.2395,
290.8294

■ 0.6244, 0.0000,
15.7926

■ 139.8427, 92.7208,
348.4768

■ 0.0000, 0.0000,
9.2247

■ 174.1120,

■ 0.0000, 0.0000,

119.5502, 413.2791

4.7892

213.5669,
151.1120, 485.6547

0.0000, 0.0000,
2.0676

0.0000, 0.0000,
0.5964

22.6661, 9.5997,
95.2660

22.6661, 9.5997,
95.2660

22.6670, 9.6002,
95.2661

24.8523, 11.2588,
95.4710

27.8686, 14.0390,
95.8487

31.8770, 18.2360,
96.4475

36.9818, 24.0330,
97.2974

■ 43.2723, 31.5849,
98.4235

■ 50.8275, 41.0275,
99.8479

■ 59.7192, 52.4827,
101.5904

■ 70.0133, 66.0622,
103.6689

■ 81.7710, 81.8692,
106.1003

Harmonies

Analogous

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



11.7868, 9.5997, 141.9612



22.6661, 9.5997, 95.2660



32.3365, 9.5997, 35.2804

Triad

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



22.6661, 9.5997, 95.2660



15.7674, 9.5997, 0.0000



0.8071, 9.5997, 19.1082

Complementary

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



22.6661, 9.5997, 95.2660



50.4561, 79.0961, 12.6078

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.



0.9801, 9.5997, 1.3062



22.6661, 9.5997, 95.2660



6.8963, 9.5997, 0.0000

Square

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



22.6661, 9.5997, 95.2660



26.9924, 9.5997, 0.0000



2.4559, 9.5997, 0.0000



1.6410, 9.5997, 70.1027

Rectangle

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



22.6661, 9.5997, 95.2660



34.7331, 9.5997, 11.1347



2.4559, 9.5997, 0.0000



0.7677, 9.5997, 9.7986

Sweetspot

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



22.6670, 9.6002, 95.2661



59.7192, 52.4827, 101.5904



30.8824, 32.8848, 99.3275



11.9441, 10.1456, 21.5787



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.



22.6670, 9.6002, 95.2661



47.8688, 22.5922, 96.4455



17.6354, 17.7038, 22.7376



11.9940, 5.0936, 49.7856



1.2833, 0.5555, 4.8529

Inverse Universe

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



47.6722, 23.8329, 35.8017



36.4197, 71.8601, 11.9509



18.4919, 18.1801, 21.2076



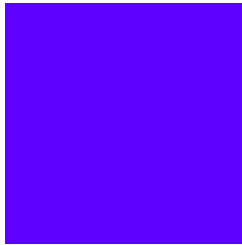
24.9843, 12.4830, 19.0994



2.4854, 1.2365, 2.1373

Previews

White Background



This preview shows how the XYZ color 22.6661, 9.5997, 95.2660 looks on a white background.

Color Contrast Check

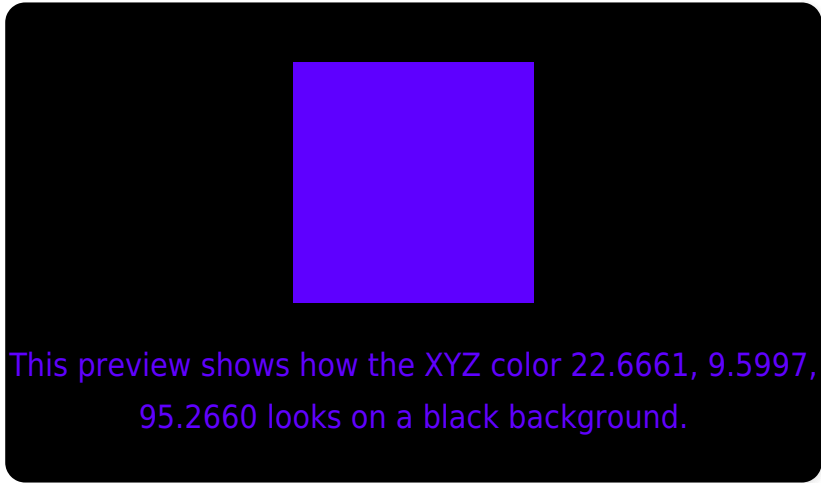
Large Text (above 18pt) WCAG AA ✓ Pass

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

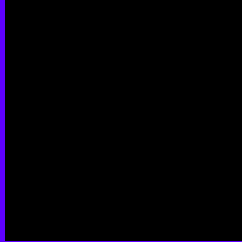
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.6661, 9.5997, 95.2660

Background



This preview shows how black text looks on a background with the XYZ color 22.6661, 9.5997, 95.2660.



This preview shows how white text looks on a background with the XYZ color 22.6661, 9.5997,

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

22.6661, 9.5997, 95.2660

Protanopia

11.3852, 9.7517, 43.9300

Deuteranopia

9.4086, 9.7492, 31.0917



Tritanopia

6.9175, 9.7553, 14.8830

Trichromacy



Original Color

22.6661, 9.5997, 95.2660

Protanomaly

13.2413, 7.4834, 59.7780

Deuteranomaly

11.3581, 7.0403, 48.9044

Tritanomaly

8.7275, 6.3234, 34.0183

Monochromacy



Original Color

22.6661, 9.5997, 95.2660

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

7.1191, 4.1488, 21.1945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6661, 9.5997, 95.2660 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(94, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 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(94, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 255) }
```

Border

The CSS property to change the border of an element to XYZ 22.6661, 9.5997, 95.2660 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(94, 0, 255) }
```

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

```
.border{ border-color:rgb(94, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(94, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 255)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.6661, 9.5997, 95.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 255) }
```

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

```
.background{ background-color: rgb(94, 0,  
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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