

Converting Colors

XYZ(22.5841, 19.6763, 54.2686)

Have a look what the booklet for
XYZ(22.5841, 19.6763, 54.2686)
contains.

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Color

**XYZ(22.5366, 19.5811,
54.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	6F73C3
RGB	111, 115, 195
RGB Percent	44%, 45%, 76%
CMY	0.5647, 0.5490, 0.2353
CMYK	0.43, 0.41, 0.00, 0.24
HSL	237°, 41%, 60%
HSV	237°, 43%, 76%
XYZ	22.5366, 19.5811, 54.2215
YIQ	122.9240, -28.0640, 24.0320

Conversions

Conversions Part 2

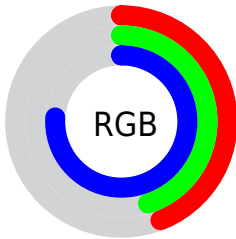
Format	Color
RYB	111, 115, 195
Decimal	7304131
CIELab	51.36, 19.13, -42.39
CIElCh	51, 46.502, 294.285
Yxy	19.5811, 0.2339, 0.2033
Android (android.graphics.Color)	4285494211 (0xFF6F73C3)
YUV	122.9240, 35.5335, -10.4573
Hunter-Lab	44.2505, 13.4708, -41.6744

Details

The XYZ color **22.5366, 19.5811, 54.2215** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **44.0066, 50.0126, 22.3740**, and the grayscale version is **18.6956, 19.6692, 21.4198**.

A 20% lighter version of the original color is **47.1153, 42.7727, 97.8682**, and **8.4458, 6.7782, 26.0625** is the 20% darker color. If you saturate the color by 10%, you get **18.4368, 14.6344, 53.4832**, and if you desaturate by 10%, it is **27.6001, 25.6585, 55.1281**.

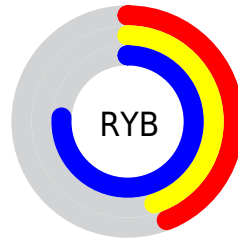
Distribution



Red (44%)

Green (45%)

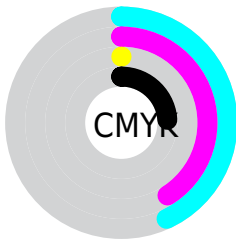
Blue (76%)



Red (44%)

Yellow (45%)

Blue (76%)

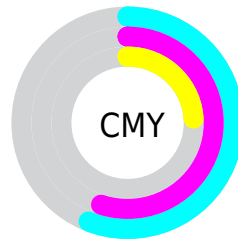


Cyan (43%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5366, 19.5811, 54.2215 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 22.5366, 19.5811, 54.2215 by changing the saturation by 10% instead.

■ 22.5366, 19.5811,
54.2215

■ 22.5366, 19.5811,
54.2215

257.9159,
249.6383, 420.1526

■ 14.3705, 12.0909,
38.3844

■ 47.1036, 42.7137,
97.8591

■ 8.4622, 6.8056,
25.9770

■ 64.2352, 59.1250,
126.4966

■ 4.4464, 3.3408,
16.5808

■ 85.0860, 79.2787,
160.2381

■ 1.9576, 1.3122,
9.7773

■ 110.0214,
103.5593, 199.5019

■ 0.6100, 0.1506,
5.1479

139.4067,
132.3512, 244.7068

■ 0.0000, 0.0000,
2.2740

173.6074,

■ 0.0000, 0.0000,

166.0387, 296.2711

0.7166

212.9886,
205.0062, 354.6136

■ 0.0000, 0.0000,
0.0000

■ 22.5366, 19.5811,
54.2215

■ 22.5366, 19.5811,
54.2215

■ 18.4368, 14.6344,
53.4832

■ 27.6001, 25.6585,
55.1281

■ 15.2375, 10.7467,
52.9014

■ 33.6807, 32.9283,
56.2108

■ 12.8714, 7.8411,
52.4652

■ 40.8305, 41.4502,
57.4789

■ 11.2608, 5.8297,
52.1619

■ 49.0975, 51.2793,
58.9403

■ 10.3135, 4.6089,
51.9762

■ 58.5268, 62.4673,
60.6029

■ 9.9512, 4.1417,
51.9051

■ 69.1609, 75.0634,
62.4737

■ 81.0401, 89.1139,
64.5596

■ 86.8504, 96.7202,
65.7215

Harmonies

Analogous

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



17.7348, 19.5811, 58.3050



22.5366, 19.5811, 54.2215



26.8570, 19.5811, 40.0376

Triad

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



22.5366, 19.5811, 54.2215



24.3348, 19.5811, 6.5541



11.0559, 19.5811, 18.8704

Complementary

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



22.5366, 19.5811, 54.2215



44.0066, 50.0126, 22.3740

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.



12.2539, 19.5811, 9.5924



22.5366, 19.5811, 54.2215



19.5161, 19.5811, 4.6418

Square

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



22.5366, 19.5811, 54.2215



28.0103, 19.5811, 12.4269



15.1704, 19.5811, 5.4597



11.5922, 19.5811, 33.6831

Rectangle

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



22.5366, 19.5811, 54.2215



28.6148, 19.5811, 29.0368



15.1704, 19.5811, 5.4597



11.2620, 19.5811, 15.1088

Sweetspot

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



22.5374, 19.5818, 54.2220



72.9535, 74.0303, 102.9140



35.4533, 46.1631, 56.2172



15.3089, 15.4175, 22.4190



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.



22.5374, 19.5818, 54.2220



33.1963, 26.4232, 95.8203



27.8936, 21.6808, 54.3448



9.5659, 9.8232, 12.6767



6.4852, 2.7269, 33.7411



0.2937, 0.1449, 1.4624

Inverse Universe

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



31.2853, 24.2097, 19.2442



51.0253, 36.0405, 24.4912



36.3288, 47.3667, 22.2679



10.0922, 10.0855, 10.5761



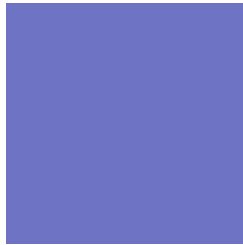
14.6694, 7.5575, 0.9052



0.6407, 0.3293, 0.0751

Previews

White Background



This preview shows how the XYZ color 22.5366, 19.5811, 54.2215 looks on a white background.

Color Contrast Check

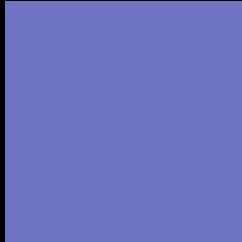
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5366, 19.5811, 54.2215 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 22.5366, 19.5811, 54.2215

Background



This preview shows how black text looks on a background with the XYZ color 22.5366, 19.5811, 54.2215.

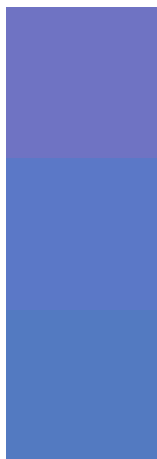


This preview shows how white text looks on a background with the XYZ color 22.5366, 19.5811,

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

22.5366, 19.5811, 54.2215

Protanopia

21.3397, 19.7806, 56.7261

Deuteranopia

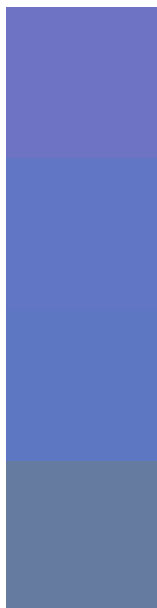
20.1525, 19.6083, 53.1747



Tritanopia

17.0007, 19.5005, 26.9127

Trichromacy



Original Color

22.5366, 19.5811, 54.2215

Protanomaly

21.7085, 19.6308, 56.0710

Deuteranomaly

20.8486, 19.4158, 53.6877

Tritanomaly

18.7078, 19.4358, 35.5664

Monochromacy



Original Color

22.5366, 19.5811, 54.2215

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7490, 19.5248, 31.1615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5366, 19.5811, 54.2215 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(111, 115, 195)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 195)  
}
```

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(111, 115, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 195) }
```

Border

The CSS property to change the border of an element to XYZ 22.5366, 19.5811, 54.2215 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(111, 115, 195) }
```


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

```
.border{ border-color:rgb(111, 115, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 195);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5366, 19.5811, 54.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 195) }
```

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

```
.background{ background-color: rgb(111,  
115, 195) }
```

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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