

Converting Colors

XYZ(20.1039, 19.5265, 47.5092)

Have a look what the booklet for
XYZ(20.1039, 19.5265, 47.5092)
contains.

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Color

**XYZ(20.1039, 19.5265,
47.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	5F79B7
RGB	95, 121, 183
RGB Percent	37%, 47%, 72%
CMY	0.6274, 0.5255, 0.2823
CMYK	0.48, 0.34, 0.00, 0.28
HSL	222°, 38%, 55%
HSV	222°, 48%, 72%
XYZ	20.1039, 19.5265, 47.5092
YIQ	120.2940, -35.3980, 13.7700

Conversions

Conversions Part 2

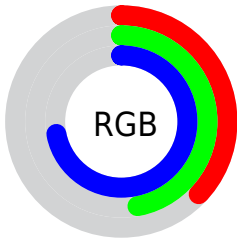
Format	Color
R_{YB}	95, 115, 183
Decimal	6257079
CIE _{Lab}	51.30, 7.83, -35.66
CIE _{LCh}	51, 36.514, 282.388
Yxy	19.5265, 0.2307, 0.2241
Android (android.graphics.Color)	4284447159 (0xFF5F79B7)
YUV	120.2940, 30.9141, -22.1828
Hunter-Lab	44.1888, 3.8790, -32.8130

Details

The XYZ color **20.1039, 19.5265, 47.5092** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **33.6518, 35.0085, 15.8110**, and the grayscale version is **17.8595, 18.7896, 20.4618**.

A 20% lighter version of the original color is **43.1012, 42.6032, 87.6129**, and **7.2485, 6.8081, 22.0512** is the 20% darker color. If you saturate the color by 10%, you get **16.9580, 15.7324, 46.9430**, and if you desaturate by 10%, it is **23.9072, 23.9711, 48.1670**.

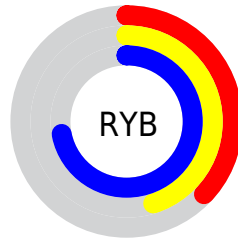
Distribution



Red (37%)

Green (47%)

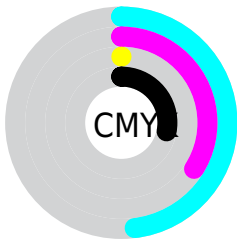
Blue (72%)



Red (37%)

Yellow (45%)

Blue (72%)

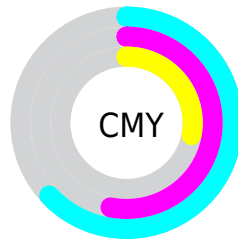


Cyan (48%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (63%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1039, 19.5265, 47.5092 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 20.1039, 19.5265, 47.5092 by changing the saturation by 10% instead.

■ 20.1039, 19.5265,
47.5092

■ 20.1039, 19.5265,
47.5092

245.2999,
249.3401, 393.2958

■ 12.5793, 12.0513,
33.0812

■ 43.0939, 42.6219,
87.8311

■ 7.2145, 6.7786,
21.9170

■ 59.2901, 59.0109,
114.5621

■ 3.6441, 3.3241,
13.5982

■ 79.1074, 79.1400,
146.2311

■ 1.5028, 1.3032,
7.7062

■ 102.9113,
103.3935, 183.2567

■ 0.3278, 0.1437,
3.8225

131.0672,
132.1559, 226.0574

■ 0.0000, 0.0000,
1.5285

163.9403,

■ 0.0000, 0.0000,

165.8115, 275.0518

0.2390

201.8961,
204.7448, 330.6585

■ 0.0000, 0.0000,
0.0000

■ 20.1039, 19.5265,
47.5092

■ 20.1039, 19.5265,
47.5092

■ 16.9580, 15.7324,
46.9430

■ 23.9072, 23.9711,
48.1670

■ 14.4274, 12.5538,
46.4629

■ 28.4021, 29.0944,
48.9190

■ 12.4680, 9.9553,
46.0646

■ 33.6231, 34.9254,
49.7693

■ 11.0284, 7.8964,
45.7431

■ 39.6016, 41.4908,
50.7215

■ 10.0314, 6.3220,
45.4917

■ 46.3670, 48.8158,
51.7788

■ 9.8696, 6.0634,
45.4504

■ 53.9472, 56.9243,
52.9444

■ 62.3688, 65.8393,
54.2212

■ 71.6570, 75.5826,
55.6124

■ 80.0839, 85.2722,
57.0385

Harmonies

Analogous

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



16.5185, 19.5265, 46.7045



20.1039, 19.5265, 47.5092



23.6965, 19.5265, 39.7991

Triad

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



20.1039, 19.5265, 47.5092



24.2321, 19.5265, 10.3971



12.6486, 19.5265, 15.7477

Complementary

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



20.1039, 19.5265, 47.5092



33.6518, 35.0085, 15.8110

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.



14.2241, 19.5265, 9.6147



20.1039, 19.5265, 47.5092



20.7617, 19.5265, 7.2943

Square

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



20.1039, 19.5265, 47.5092



26.2809, 19.5265, 17.2391



17.0960, 19.5265, 7.0647



12.5210, 19.5265, 25.8644

Rectangle

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



20.1039, 19.5265, 47.5092



25.4882, 19.5265, 31.9870



17.0960, 19.5265, 7.0647



13.0159, 19.5265, 13.2489

Sweetspot

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



20.1046, 19.5272, 47.5097



64.1812, 66.9241, 89.7706



27.7052, 38.7211, 37.7340



13.6809, 14.2362, 19.7484



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.1046, 19.5272, 47.5097



29.9329, 27.6364, 83.9924



19.3990, 15.0885, 46.6901



8.7316, 9.1404, 11.3835



6.9380, 4.3356, 31.7243



0.3001, 0.2640, 1.1369

Inverse Universe

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



27.0725, 19.6330, 20.4524



44.2457, 28.9693, 28.1635



34.6001, 42.7360, 17.2526



9.1109, 9.0547, 9.9312



14.1157, 7.2200, 3.2299



0.5257, 0.2657, 0.2616

Previews

White Background



This preview shows how the XYZ color 20.1039, 19.5265, 47.5092 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 20.1039, 19.5265, 47.5092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

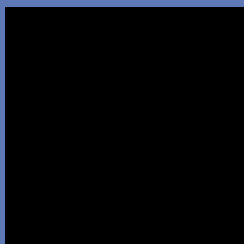
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

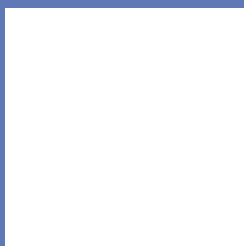
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1039, 19.5265, 47.5092

Background



This preview shows how black text looks on a background with the XYZ color 20.1039, 19.5265, 47.5092.

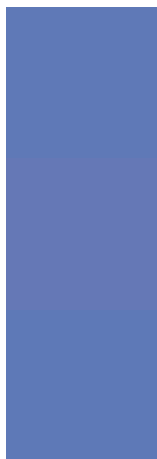


This preview shows how white text looks on a background with the XYZ color 20.1039, 19.5265,

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

20.1039, 19.5265, 47.5092

Protanopia

20.5268, 19.5770, 46.9528

Deuteranopia

20.0007, 19.4733, 47.5043



Tritanopia

16.1959, 19.6526, 27.7506

Trichromacy



Original Color

20.1039, 19.5265, 47.5092

Protanomaly

20.3056, 19.4630, 46.9425

Deuteranomaly

20.0007, 19.4733, 47.5043

Tritanomaly

17.5206, 19.6053, 34.3133

Monochromacy



Original Color

20.1039, 19.5265, 47.5092

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2299, 18.7956, 28.6537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1039, 19.5265, 47.5092 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(95, 121, 183)` looks like.

```
.text, #text, p{  
    color:rgb(95, 121, 183)  
}
```

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(95, 121, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 121, 183) }
```

Border

The CSS property to change the border of an element to XYZ 20.1039, 19.5265, 47.5092 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(95, 121, 183) }
```


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

```
.border{ border-color:rgb(95, 121, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 121, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 121, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 121, 183);  
box-shadow:4px 4px 4px 4px rgb(95, 121,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1039, 19.5265, 47.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 121, 183) }
```

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

```
.background{ background-color: rgb(95, 121,  
183) }
```

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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