

Converting Colors

XYZ(19.5401, 19.6940, 43.3289)

Have a look what the booklet for
XYZ(19.5401, 19.6940, 43.3289)
contains.

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Color

**XYZ(19.5401, 19.6940,
43.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7BAF
RGB	95, 123, 175
RGB Percent	37%, 48%, 69%
CMY	0.6274, 0.5176, 0.3137
CMYK	0.46, 0.30, 0.00, 0.31
HSL	219°, 33%, 53%
HSV	219°, 46%, 69%
XYZ	19.5401, 19.6940, 43.3289
YIQ	120.5560, -33.3800, 10.2360

Conversions

Conversions Part 2

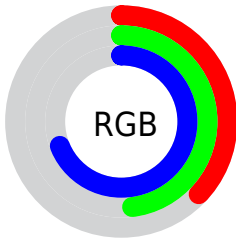
Format	Color
R_{YB}	95, 116, 175
Decimal	6257583
CIE _{Lab}	51.49, 4.20, -30.75
CIE _{LCh}	51, 31.032, 277.769
Yxy	19.6940, 0.2367, 0.2385
Android (android.graphics.Color)	4284447663 (0xFF5F7BAF)
YUV	120.5560, 26.8409, -22.4126
Hunter-Lab	44.3779, 0.9342, -26.8239

Details

The XYZ color **19.5401, 19.6940, 43.3289** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **30.1790, 30.8081, 15.1831**, and the grayscale version is **17.9556, 18.8907, 20.5719**.

A 20% lighter version of the original color is **42.1482, 42.8190, 81.6448**, and **6.9434, 6.9087, 19.3799** is the 20% darker color. If you saturate the color by 10%, you get **16.5924, 16.2002, 42.8103**, and if you desaturate by 10%, it is **23.0615, 23.7277, 43.9223**.

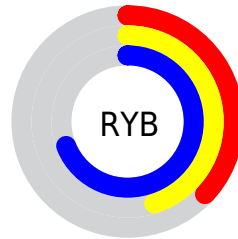
Distribution



Red (37%)

Green (48%)

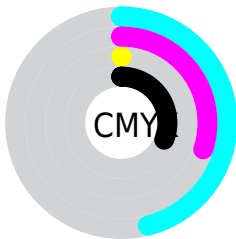
Blue (69%)



Red (37%)

Yellow (45%)

Blue (69%)

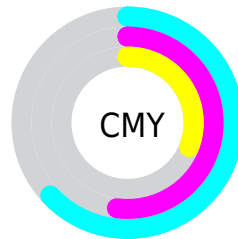


Cyan (46%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (63%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5401, 19.6940, 43.3289 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 19.5401, 19.6940, 43.3289 by changing the saturation by 10% instead.

■ 19.5401, 19.6940,
43.3289

■ 19.5401, 19.6940,
43.3289

242.2957,
250.2537, 375.9235

■ 12.1675, 12.1728,
29.8099

■ 42.1546, 42.9036,
81.4986

■ 6.9309, 6.8615,
19.4436

■ 58.1273, 59.3607,
106.9865

■ 3.4648, 3.3756,
11.8112

■ 77.6973, 79.5653,
137.3010

■ 1.4041, 1.3308,
6.4943

■ 101.2301,
103.9017, 172.8609

■ 0.2591, 0.1649,
3.0743

129.0909,
132.7544, 214.0845

■ 0.0000, 0.0000,
1.1327

161.6453,

■ 0.0000, 0.0000,

166.5077, 261.3904

0.0000

199.2584,
205.5460, 315.1973

■ 19.5401, 19.6940,
43.3289

■ 19.5401, 19.6940,
43.3289

■ 16.5924, 16.2002,
42.8103

■ 23.0615, 23.7277,
43.9223

■ 14.1830, 13.2188,
42.3618

■ 27.1851, 28.3227,
44.5918

■ 12.2757, 10.7224,
41.9805

■ 31.9395, 33.5019,
45.3409

■ 10.8281, 8.6802,
41.6626

■ 37.3512, 39.2859,
46.1721

■ 9.7875, 7.0549,
41.4037

■ 43.4449, 45.6946,
47.0880

■ 9.4201, 6.4595,
41.3081

■ 50.2441, 52.7467,
48.0908

■ 57.7711, 60.4602,
49.1829

■ 66.0471, 68.8522,
50.3666

■ 75.0927, 77.9394,
51.6438

Harmonies

Analogous

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



16.5424, 19.6940, 41.5669



19.5401, 19.6940, 43.3289



22.6325, 19.6940, 38.0645

Triad

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



19.5401, 19.6940, 43.3289



23.8643, 19.6940, 12.5586



13.7030, 19.6940, 15.5856

Complementary

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



19.5401, 19.6940, 43.3289



30.1790, 30.8081, 15.1831

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.



15.2841, 19.6940, 10.5400



19.5401, 19.6940, 43.3289



21.0776, 19.6940, 9.1605

Square

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



19.5401, 19.6940, 43.3289



25.3033, 19.6940, 19.2068



17.9204, 19.6940, 8.5410



13.3885, 19.6940, 23.8473

Rectangle

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



19.5401, 19.6940, 43.3289



24.2568, 19.6940, 31.9561



17.9204, 19.6940, 8.5410



14.0948, 19.6940, 13.5334

Sweetspot

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



19.5408, 19.6947, 43.3294



58.5527, 61.4551, 81.4128



25.2122, 35.1583, 32.5164



12.5830, 13.1945, 18.0279



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.5408, 19.6947, 43.3294



29.6027, 28.8766, 76.6504



17.7350, 14.3240, 42.3879



7.7996, 8.1986, 10.1241



6.7989, 4.7317, 29.5995



0.2413, 0.2360, 0.8408

Inverse Universe

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



25.3471, 18.7291, 21.0188



41.6007, 27.9202, 30.3156



32.7747, 39.4146, 16.7075



8.1167, 8.0599, 8.9252



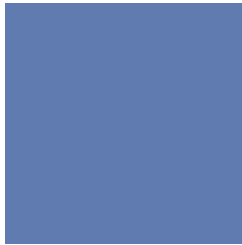
13.2954, 6.7807, 3.9351



0.3962, 0.1992, 0.2482

Previews

White Background



This preview shows how the XYZ color 19.5401, 19.6940, 43.3289 looks on a white background.

Color Contrast Check

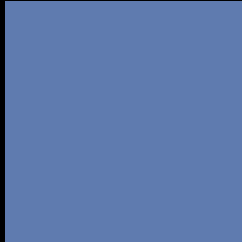
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5401, 19.6940, 43.3289 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

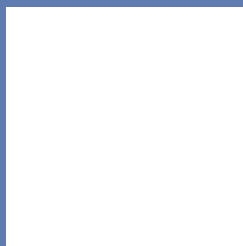
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5401, 19.6940, 43.3289

Background



This preview shows how black text looks on a background with the XYZ color 19.5401, 19.6940, 43.3289.

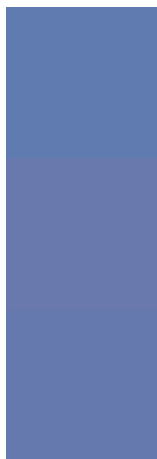


This preview shows how white text looks on a background with the XYZ color 19.5401, 19.6940,

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

19.5401, 19.6940, 43.3289

Protanopia

20.3241, 19.7560, 42.2773

Deuteranopia

20.0547, 19.5947, 43.2826



Tritanopia

16.4626, 19.7900, 27.7631

Trichromacy



Original Color

19.5401, 19.6940, 43.3289

Protanomaly

20.0790, 19.7998, 42.8079

Deuteranomaly

19.8430, 19.6669, 43.3077

Tritanomaly

17.4590, 19.6025, 33.0005

Monochromacy



Original Color

19.5401, 19.6940, 43.3289

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4493, 19.2869, 27.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5401, 19.6940, 43.3289 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, 123, 175)` looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 175)  
}
```

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, 123, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 175) }
```

Border

The CSS property to change the border of an element to XYZ 19.5401, 19.6940, 43.3289 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, 123, 175) }
```


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

```
.border{ border-color:rgb(95, 123, 175) }
```

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

Here you see how a box with a 4 pixel rgb(95, 123, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 175);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5401, 19.6940, 43.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 175) }
```

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

```
.background{ background-color: rgb(95, 123,  
175) }
```

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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