

Converting Colors

XYZ(19.2620, 18.6402, 35.8404)

Have a look what the booklet for
XYZ(19.2620, 18.6402, 35.8404)
contains.

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Color

**XYZ(19.2620, 18.6402,
35.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	6F75A0
RGB	111, 117, 160
RGB Percent	44%, 46%, 63%
CMY	0.5647, 0.5412, 0.3725
CMYK	0.31, 0.27, 0.00, 0.37
HSL	233°, 21%, 53%
HSV	233°, 31%, 63%
XYZ	19.2620, 18.6402, 35.8404
YIQ	120.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

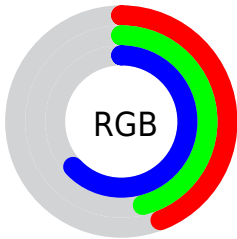
Format	Color
R_{YB}	111, 116, 160
Decimal	7304608
CIE _{Lab}	50.26, 8.07, -23.84
CIE _{LCh}	50, 25.174, 288.703
Yxy	18.6402, 0.2612, 0.2528
Android (android.graphics.Color)	4285494688 (0xFF6F75A0)
YUV	120.1080, 19.6668, -7.9877
Hunter-Lab	43.1743, 4.0819, -18.9966

Details

The XYZ color **19.2620, 18.6402, 35.8404** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.9223, 31.7326, 19.6401**, and the grayscale version is **17.8307, 18.7593, 20.4289**.

A 20% lighter version of the original color is **41.7636, 41.1747, 70.0363**, and **6.7594, 6.3311, 15.0531** is the 20% darker color. If you saturate the color by 10%, you get **15.9112, 14.6640, 35.2499**, and if you desaturate by 10%, it is **23.2200, 23.2945, 36.5305**.

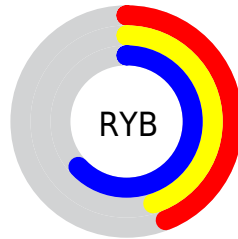
Distribution



Red (44%)

Green (46%)

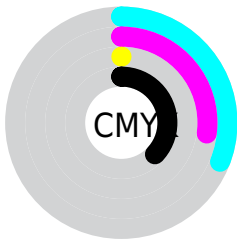
Blue (63%)



Red (44%)

Yellow (45%)

Blue (63%)

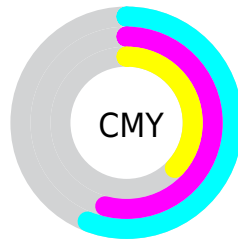


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2620, 18.6402, 35.8404 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 19.2620, 18.6402, 35.8404 by changing the saturation by 10% instead.

■ 19.2620, 18.6402,
35.8404

■ 19.2620, 18.6402,
35.8404

240.8018,
244.4552, 343.2787

■ 11.9649, 11.4106,
24.0222

■ 41.6898, 41.1252,
69.9519

■ 6.7918, 6.3437,
15.1378

■ 57.5512, 57.1494,
93.0824

■ 3.3774, 3.0552,
8.7684

■ 76.9981, 76.8740,
120.8207

■ 1.3563, 1.1606,
4.4957

■ 100.3957,
100.6832, 153.5853

■ 0.2248, 0.0292,
1.9010

128.1096,
128.9616, 191.7949

■ 0.0000, 0.0000,
0.4934

160.5050,

■ 0.0000, 0.0000,

162.0934, 235.8680

0.0000

197.9473,
200.4632, 286.2231

■ 19.2620, 18.6402,
35.8404

■ 19.2620, 18.6402,
35.8404

■ 15.9112, 14.6640,
35.2499

■ 23.2200, 23.2945,
36.5305

■ 13.1357, 11.3321,
34.7530

■ 27.8115, 28.6544,
37.3230

■ 10.9032, 8.6109,
34.3454

■ 33.0633, 34.7484,
38.2225

■ 9.1778, 6.4629,
34.0218

■ 39.0002, 41.6028,
39.2326

■ 7.9189, 4.8465,
33.7761

■ 45.6457, 49.2428,
40.3570

■ 7.0794, 3.7140,
33.6018

■ 53.0221, 57.6921,
41.5991

■ 6.5883, 3.0242,
33.4945

■ 61.1510, 66.9736,
42.9622

■ 70.0527, 77.1093,
44.4494

■ 79.7461, 88.1199,
46.0638

Harmonies

Analogous

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



16.8151, 18.6402, 36.4998



19.2620, 18.6402, 35.8404



21.4747, 18.6402, 30.5001

Triad

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



19.2620, 18.6402, 35.8404



20.9919, 18.6402, 11.7929



13.5088, 18.6402, 17.7797

Complementary

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



19.2620, 18.6402, 35.8404



28.9223, 31.7326, 19.6401

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.



14.4253, 18.6402, 12.6670



19.2620, 18.6402, 35.8404



18.6505, 18.6402, 9.7777

Square

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



19.2620, 18.6402, 35.8404



22.5348, 18.6402, 16.2907



16.2568, 18.6402, 10.0560



13.6399, 18.6402, 24.9093

Rectangle

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



19.2620, 18.6402, 35.8404



22.4498, 18.6402, 25.5691



16.2568, 18.6402, 10.0560



13.7009, 18.6402, 15.8029

Sweetspot

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



19.2626, 18.6409, 35.8408



51.8050, 53.5488, 67.9921



24.9152, 30.8369, 34.9788



11.0895, 11.4275, 14.8649



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.2626, 18.6409, 35.8408



30.5506, 28.6035, 64.2974



21.0783, 18.5720, 35.7318



6.3470, 6.5597, 8.3383



5.1509, 2.3933, 26.0977



0.1087, 0.0760, 0.4722

Inverse Universe

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



23.3930, 20.1274, 19.4825



39.3611, 31.9294, 29.3689



26.6015, 32.0434, 19.8225



6.6645, 6.6587, 7.0843



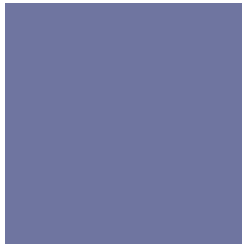
11.3981, 5.8638, 1.0816



0.2122, 0.1082, 0.0635

Previews

White Background



This preview shows how the XYZ color 19.2620, 18.6402, 35.8404 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 19.2620, 18.6402, 35.8404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

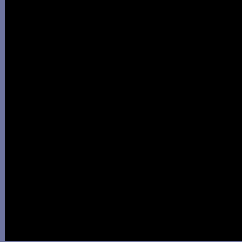
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2620, 18.6402, 35.8404

Background



This preview shows how black text looks on a background with the XYZ color 19.2620, 18.6402, 35.8404.



This preview shows how white text looks on a background with the XYZ color 19.2620, 18.6402,

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

19.2620, 18.6402, 35.8404

Protanopia

18.9749, 18.6559, 36.3191

Deuteranopia

19.1303, 18.7461, 35.8678



Tritanopia

16.9501, 18.5883, 24.5243

Trichromacy



Original Color

19.2620, 18.6402, 35.8404

Protanomaly

19.0958, 18.7182, 36.3247

Deuteranomaly

19.2540, 18.8099, 35.8736

Tritanomaly

17.6624, 18.5117, 28.2334

Monochromacy



Original Color

19.2620, 18.6402, 35.8404

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.3061, 18.7248, 25.5711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2620, 18.6402, 35.8404 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, 117, 160)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 160)  
}
```

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, 117, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 160) }
```

Border

The CSS property to change the border of an element to XYZ 19.2620, 18.6402, 35.8404 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, 117, 160) }
```


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

```
.border{ border-color:rgb(111, 117, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 160);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2620, 18.6402, 35.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 160) }
```

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

```
.background{ background-color: rgb(111,  
117, 160) }
```

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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