

Converting Colors

XYZ(20.4374, 23.5324, 39.2948)

Have a look what the booklet for
XYZ(20.4374, 23.5324, 39.2948)
contains.

XYZ(20.3385, 23.4060, 39.0432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.3385, 23.4060,
39.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8BA5
RGB	91, 139, 165
RGB Percent	36%, 55%, 65%
CMY	0.6431, 0.4549, 0.3529
CMYK	0.45, 0.16, 0.00, 0.35
HSL	201°, 29%, 50%
HSV	201°, 45%, 65%
XYZ	20.3385, 23.4060, 39.0432
YIQ	127.6120, -36.9540, -2.0900

Conversions

Conversions Part 2

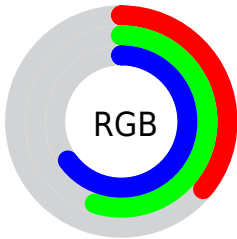
Format	Color
RYB	91, 120, 165
Decimal	5999525
CIELab	55.49, -9.07, -18.83
CIELCh	55, 20.905, 244.273
Yxy	23.4060, 0.2457, 0.2827
Android (android.graphics.Color)	4284189605 (0xFF5B8BA5)
YUV	127.6120, 18.4323, -32.1087
Hunter-Lab	48.3797, -9.6244, -13.9821

Details

The XYZ color **20.3385, 23.4060, 39.0432** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **23.7671, 21.4777, 12.7911**, and the grayscale version is **20.3316, 21.3905, 23.2942**.

A 20% lighter version of the original color is **43.4450, 48.8863, 74.8564**, and **7.3160, 8.7303, 16.9223** is the 20% darker color. If you saturate the color by 10%, you get **18.0702, 21.0239, 38.7034**, and if you desaturate by 10%, it is **23.0105, 26.0633, 39.4157**.

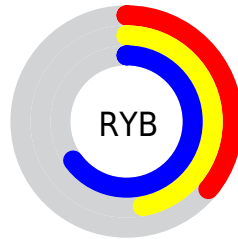
Distribution



Red (36%)

Green (55%)

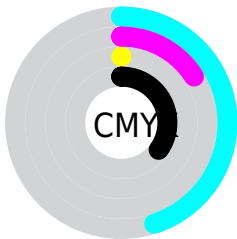
Blue (65%)



Red (36%)

Yellow (47%)

Blue (65%)

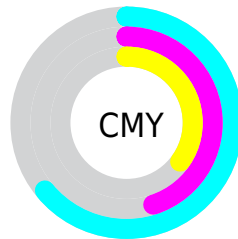


Cyan (45%)

Magenta (16%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3385, 23.4060, 39.0432 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 20.3385, 23.4060, 39.0432 by changing the saturation by 10% instead.

■ 20.3385, 23.4060,
39.0432

■ 20.3385, 23.4060,
39.0432

246.5406,
269.8035, 357.5056

■ 12.7510, 14.8936,
26.4852

■ 43.4836, 49.0591,
74.9254

■ 7.3331, 8.7447,
16.9580

■ 59.7720, 66.9686,
99.0867

■ 3.7195, 4.5751,
10.0429

■ 79.6913, 88.7793,
127.9529

■ 1.5447, 2.0002,
5.3214

■ 103.6070,
114.8754, 161.9424

■ 0.3559, 0.6076,
2.3751

131.8844,
145.6416, 201.4739

■ 0.0000, 0.0000,
0.7728

164.8889,

■ 0.0000, 0.0000,

181.4620, 246.9659

0.0000

202.9859,
222.7212, 298.8370

■ 20.3385, 23.4060,
39.0432

■ 20.3385, 23.4060,
39.0432

■ 18.0702, 21.0239,
38.7034

■ 23.0105, 26.0633,
39.4157

■ 16.1789, 18.9007,
38.3932

■ 26.1060, 29.0056,
39.8205

■ 14.6381, 17.0222,
38.1119

■ 29.6465, 32.2452,
40.2592

■ 13.4165, 15.3713,
37.8576

■ 33.6509, 35.7931,
40.7329

■ 12.4758, 13.9270,
37.6284

■ 38.1371, 39.6592,
41.2427

■ 12.0524, 13.2382,
37.5178

■ 43.1222, 43.8534,
41.7895

■ 48.6223, 48.3848,
42.3743

■ 54.6526, 53.2621,
42.9979

■ 61.2278, 58.4938,
43.6611

Harmonies

Analogous

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



18.7108, 23.4060, 33.5073



20.3385, 23.4060, 39.0432



22.5858, 23.4060, 40.7273

Triad

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



20.3385, 23.4060, 39.0432



27.0744, 23.4060, 24.5312



19.7931, 23.4060, 16.2009

Complementary

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



20.3385, 23.4060, 39.0432



23.7671, 21.4777, 12.7911

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.



21.9111, 23.4060, 14.6175



20.3385, 23.4060, 39.0432



26.2021, 23.4060, 18.8579

Square

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



20.3385, 23.4060, 39.0432



26.5802, 23.4060, 31.5389



24.2707, 23.4060, 15.4971



18.4119, 23.4060, 20.2603

Rectangle

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



20.3385, 23.4060, 39.0432



24.1604, 23.4060, 39.2284



24.2707, 23.4060, 15.4971



20.4368, 23.4060, 15.3974

Sweetspot

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



20.3393, 23.4069, 39.0438



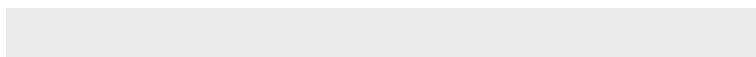
54.1910, 58.7328, 72.2327



20.9751, 30.4169, 21.5650



11.5335, 12.5583, 15.7536



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.3393, 23.4069, 39.0438



32.3092, 37.5945, 69.3059



15.8677, 14.4638, 37.5532



7.0657, 7.5904, 8.9958



9.1658, 10.1110, 28.3983



0.2344, 0.2960, 0.6106

Inverse Universe

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



23.9189, 17.3462, 26.5145



39.8049, 26.2004, 42.7798



28.9450, 31.8334, 14.5170



7.2581, 7.1597, 8.3457



13.7719, 6.8648, 11.2555



0.3105, 0.1527, 0.3476

Previews

White Background



This preview shows how the XYZ color 20.3385, 23.4060, 39.0432 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 20.3385, 23.4060, 39.0432 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

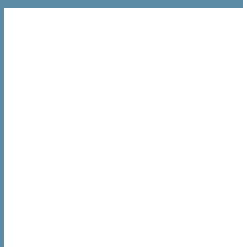
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3385, 23.4060, 39.0432

Background



This preview shows how black text looks on a background with the XYZ color 20.3385, 23.4060, 39.0432.



This preview shows how white text looks on a background with the XYZ color 20.3385, 23.4060,

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

20.3385, 23.4060, 39.0432

Protanopia

23.0656, 23.2063, 36.5213

Deuteranopia

23.7101, 23.2673, 39.8006



Tritanopia

19.2051, 23.3759, 33.6368

Trichromacy



Original Color

20.3385, 23.4060, 39.0432

Protanomaly

21.8567, 23.1695, 37.5026

Deuteranomaly

22.2099, 23.1056, 39.3656

Tritanomaly

19.4884, 23.2652, 35.3618

Monochromacy



Original Color

20.3385, 23.4060, 39.0432

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.1292, 22.0705, 28.3984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3385, 23.4060, 39.0432 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(91, 139, 165)` looks like.

```
.text, #text, p{  
    color:rgb(91, 139, 165)  
}
```

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(91, 139, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 139, 165) }
```

Border

The CSS property to change the border of an element to XYZ 20.3385, 23.4060, 39.0432 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(91, 139, 165) }
```


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

```
.border{ border-color:rgb(91, 139, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 139, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 139, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 139, 165);  
box-shadow:4px 4px 4px 4px rgb(91, 139,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3385, 23.4060, 39.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 139, 165) }
```

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

```
.background{ background-color: rgb(91, 139,  
165) }
```

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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