

Converting Colors

XYZ(19.3332, 22.9401, 33.5462)

Have a look what the booklet for
XYZ(19.3332, 22.9401, 33.5462)
contains.

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Color

**XYZ(19.3960, 23.0405,
33.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8B99
RGB	92, 139, 153
RGB Percent	36%, 55%, 60%
CMY	0.6392, 0.4549, 0.4000
CMYK	0.40, 0.09, 0.00, 0.40
HSL	194°, 25%, 48%
HSV	194°, 40%, 60%
XYZ	19.3960, 23.0405, 33.5620
YIQ	126.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

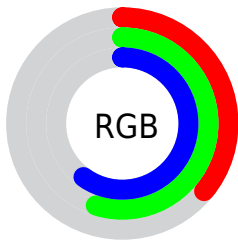
Format	Color
R_{YB}	92, 119, 153
Decimal	6065049
CIE _{Lab}	55.11, -12.16, -12.49
CIE _{LCh}	55, 17.429, 225.780
Yxy	23.0405, 0.2552, 0.3032
Android (android.graphics.Color)	4284255129 (0xFF5C8B99)
YUV	126.5430, 13.0433, -30.2942
Hunter-Lab	48.0005, -11.8728, -7.8552

Details

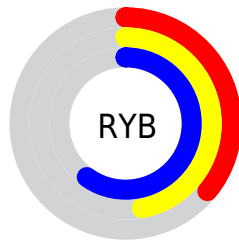
The XYZ color **19.3960, 23.0405, 33.5620** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2230, 17.8533, 12.5058**, and the grayscale version is **19.9816, 21.0222, 22.8932**.

A 20% lighter version of the original color is **42.0095, 48.6647, 66.2106**, and **6.8457, 8.5552, 13.8609** is the 20% darker color. If you saturate the color by 10%, you get **17.5192, 21.3308, 33.3313**, and if you desaturate by 10%, it is **21.5993, 24.9438, 33.8136**.

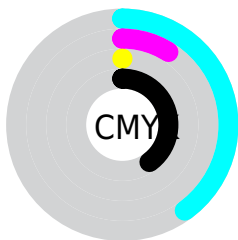
Distribution



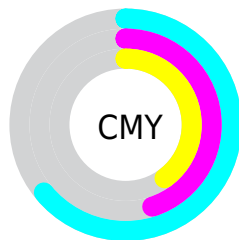
- Red (36%)
- Green (55%)
- Blue (60%)



- Red (36%)
- Yellow (47%)
- Blue (60%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3960, 23.0405, 33.5620 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 19.3960, 23.0405, 33.5620 by changing the saturation by 10% instead.

■ 19.3960, 23.0405,
33.5620

■ 19.3960, 23.0405,
33.5620

241.5226,
267.9329, 332.8839

■ 12.0625, 14.6234,
22.2827

■ 41.9139, 48.4598,
66.3781

■ 6.8587, 8.5555,
13.8645

■ 57.8290, 66.2308,
88.7519

■ 3.4195, 4.4524,
7.8888

■ 77.3353, 87.8886,
115.6609

■ 1.3793, 1.9297,
3.9371

■ 100.7982,
113.8176, 147.5238

■ 0.2414, 0.5662,
1.5909

128.5830,
144.4021, 184.7590

■ 0.0000, 0.0000,
0.2843

161.0551,

■ 0.0000, 0.0000,

180.0266, 227.7850

0.0000

198.5799,
221.0754, 277.0205

■ 19.3960, 23.0405,
33.5620

■ 19.3960, 23.0405,
33.5620

■ 17.5192, 21.3308,
33.3313

■ 21.5993, 24.9438,
33.8136

■ 15.9478, 19.8021,
33.1191

■ 24.1442, 27.0471,
34.0855

■ 14.6617, 18.4442,
32.9248

■ 27.0474, 29.3598,
34.3789

■ 13.6373, 17.2449,
32.7472

■ 30.3239, 31.8899,
34.6945

■ 12.8470, 16.1895,
32.5852

■ 33.9879, 34.6448,
35.0332

■ 12.2233, 15.2431,
32.4354

■ 38.0526, 37.6316,
35.3955

■ 12.2153, 15.2309,
32.4335

■ 42.5308, 40.8571,
35.7820

■ 47.4346, 44.3278,
36.1935

■ 52.7757, 48.0498,
36.6304

Harmonies

Analogous

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



18.4976, 23.0405, 28.1105



19.3960, 23.0405, 33.5620



20.9944, 23.0405, 36.9524

Triad

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



19.3960, 23.0405, 33.5620



25.7237, 23.0405, 27.8080



20.8991, 23.0405, 16.1361

Complementary

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



19.3960, 23.0405, 33.5620



20.2230, 17.8533, 12.5058

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.



22.8298, 23.0405, 16.0800



19.3960, 23.0405, 33.5620



25.6944, 23.0405, 22.2888

Square

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



19.3960, 23.0405, 33.5620



24.6870, 23.0405, 33.3126



24.6092, 23.0405, 18.1746



19.3298, 23.0405, 18.3412

Rectangle

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



19.3960, 23.0405, 33.5620



22.2777, 23.0405, 37.3075



24.6092, 23.0405, 18.1746



21.5252, 23.0405, 15.8776

Sweetspot

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



19.3967, 23.0414, 33.5625



47.1471, 51.5636, 61.4398



18.3663, 26.0826, 17.4900



10.2742, 11.2779, 13.5528



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.3967, 23.0414, 33.5625



31.6603, 38.4685, 59.7285



15.6628, 15.5736, 32.3179



6.2644, 6.7861, 7.9086



10.1215, 12.6397, 26.8139



0.1777, 0.2417, 0.4097

Inverse Universe

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



21.6248, 16.2912, 26.4319



36.3545, 25.0883, 44.5166



23.8334, 25.0741, 13.7093



6.4005, 6.2994, 7.4894



13.5676, 6.6813, 14.7800



0.2161, 0.1052, 0.2910

Previews

White Background



This preview shows how the XYZ color 19.3960, 23.0405, 33.5620 looks on a white background.

Color Contrast Check

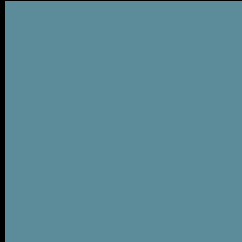
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3960, 23.0405, 33.5620 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

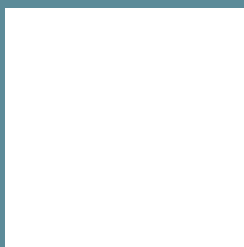
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3960, 23.0405, 33.5620

Background



This preview shows how black text looks on a background with the XYZ color 19.3960, 23.0405, 33.5620.



This preview shows how white text looks on a background with the XYZ color 19.3960, 23.0405,

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

19.3960, 23.0405, 33.5620

Protanopia

22.3024, 22.7390, 30.8174

Deuteranopia

23.3084, 22.7914, 34.1810



Tritanopia

19.1329, 22.9237, 32.6945

Trichromacy



Original Color

19.3960, 23.0405, 33.5620

Protanomaly

21.0148, 22.6580, 31.6996

Deuteranomaly

21.5552, 22.6872, 33.8148

Tritanomaly

19.2145, 22.9564, 33.1241

Monochromacy



Original Color

19.3960, 23.0405, 33.5620

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.4997, 21.5876, 26.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3960, 23.0405, 33.5620 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(92, 139, 153) looks like.

```
.text, #text, p{  
    color:rgb(92, 139, 153)  
}
```

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(92, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 139, 153) }
```

Border

The CSS property to change the border of an element to XYZ 19.3960, 23.0405, 33.5620 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(92, 139, 153) }
```


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

```
.border{ border-color:rgb(92, 139, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 139,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3960, 23.0405, 33.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 139, 153) }
```

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

```
.background{ background-color: rgb(92, 139,  
153) }
```

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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