

Converting Colors

XYZ(19.4607, 23.0815, 33.7975)

Have a look what the booklet for
XYZ(19.4607, 23.0815, 33.7975)
contains.

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Color

**XYZ(19.4790, 23.0736,
33.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8B9A
RGB	92, 139, 154
RGB Percent	36%, 55%, 60%
CMY	0.6392, 0.4549, 0.3961
CMYK	0.40, 0.10, 0.00, 0.40
HSL	195°, 25%, 48%
HSV	195°, 40%, 60%
XYZ	19.4790, 23.0736, 33.9989
YIQ	126.6570, -32.8270, -5.2990

Conversions

Conversions Part 2

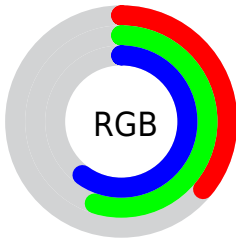
Format	Color
R_{YB}	92, 119, 154
Decimal	6065050
CIE _{Lab}	55.15, -11.88, -13.02
CIE _{LCh}	55, 17.624, 227.606
Yxy	23.0736, 0.2545, 0.3014
Android (android.graphics.Color)	4284255130 (0xFF5C8B9A)
YUV	126.6570, 13.4801, -30.3942
Hunter-Lab	48.0350, -11.6765, -8.3406

Details

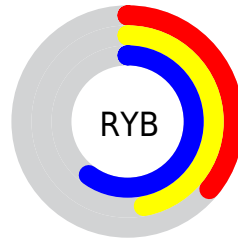
The XYZ color **19.4790, 23.0736, 33.9989** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5164, 18.1587, 12.5496**, and the grayscale version is **20.0192, 21.0618, 22.9363**.

A 20% lighter version of the original color is **42.1322, 48.7137, 66.8566**, and **6.8956, 8.5751, 14.1237** is the 20% darker color. If you saturate the color by 10%, you get **17.5641, 21.2997, 33.7578**, and if you desaturate by 10%, it is **21.7265, 25.0473, 34.2618**.

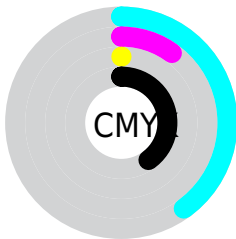
Distribution



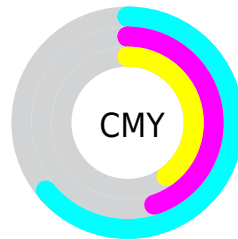
- Red (36%)
- Green (55%)
- Blue (60%)



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



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4790, 23.0736, 33.9989 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 19.4790, 23.0736, 33.9989 by changing the saturation by 10% instead.

■ 19.4790, 23.0736,
33.9989

■ 19.4790, 23.0736,
33.9989

241.9682,
268.1028, 334.8962

■ 12.1230, 14.6479,
22.6154

■ 42.0526, 48.5142,
67.0658

■ 6.9003, 8.5726,
14.1072

■ 58.0008, 66.2978,
89.5864

■ 3.4456, 4.4635,
8.0556

■ 77.5439, 87.9694,
116.6563

■ 1.3935, 1.9361,
4.0423

■ 101.0470,
113.9136, 148.6942

■ 0.2516, 0.5699,
1.6486

128.8757,
144.5146, 186.1186

■ 0.0000, 0.0000,
0.3251

161.3952,

■ 0.0000, 0.0000,

180.1569, 229.3480

0.0000

198.9709,
221.2248, 278.8010

■ 19.4790, 23.0736,
33.9989

■ 19.4790, 23.0736,
33.9989

■ 17.5641, 21.2997,
33.7578

■ 21.7265, 25.0473,
34.2618

■ 15.9603, 19.7127,
33.5360

■ 24.3220, 27.2275,
34.5458

■ 14.6471, 18.3022,
33.3330

■ 27.2827, 29.6237,
34.8523

■ 13.6002, 17.0556,
33.1475

■ 30.6238, 32.2441,
35.1820

■ 12.7914, 15.9578,
32.9783

■ 34.3597, 35.0964,
35.5356

■ 12.1644, 14.9963,
32.8257

■ 38.5040, 38.1878,
35.9139

■ 43.0698, 41.5253,
36.3175

■ 48.0692, 45.1154,
36.7469

■ 53.5143, 48.9646,
37.2029

Harmonies

Analogous

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



18.5207, 23.0736, 28.5429



19.4790, 23.0736, 33.9989



21.1292, 23.0736, 37.2529

Triad

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



19.4790, 23.0736, 33.9989



25.8348, 23.0736, 27.5198



20.8069, 23.0736, 16.1508

Complementary

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



19.4790, 23.0736, 33.9989



20.5164, 18.1587, 12.5496

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.



22.7524, 23.0736, 15.9617



19.4790, 23.0736, 33.9989



25.7357, 23.0736, 21.9882

Square

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



19.4790, 23.0736, 33.9989



24.8433, 23.0736, 33.1542



24.5801, 23.0736, 17.9446



19.2552, 23.0736, 18.5067

Rectangle

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



19.4790, 23.0736, 33.9989



22.4350, 23.0736, 37.4576



24.5801, 23.0736, 17.9446



21.4341, 23.0736, 15.8459

Sweetspot

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



19.4797, 23.0745, 33.9994



48.4403, 52.9182, 63.1975



18.5957, 26.4374, 17.8868



10.8152, 11.8581, 14.2892



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.4797, 23.0745, 33.9994



32.3242, 39.0901, 61.3778



15.6660, 15.4471, 32.7282



6.2579, 6.7732, 7.9065



9.9392, 12.2750, 26.7532



0.1760, 0.2382, 0.4091

Inverse Universe

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



21.8144, 16.3891, 26.4406



37.2767, 25.7497, 45.1550



24.2709, 25.6676, 13.8011



6.3973, 6.2981, 7.4723



13.4756, 6.6445, 14.2954



0.2153, 0.1049, 0.2864

Previews

White Background



This preview shows how the XYZ color 19.4790, 23.0736, 33.9989 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 19.4790, 23.0736, 33.9989 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 19.4790, 23.0736, 33.9989

Background



This preview shows how black text looks on a background with the XYZ color 19.4790, 23.0736, 33.9989.



This preview shows how white text looks on a background with the XYZ color 19.4790, 23.0736,

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

19.4790, 23.0736, 33.9989

Protanopia

22.5149, 23.0378, 31.2771

Deuteranopia

23.2356, 22.7442, 34.6179



Tritanopia

19.2784, 23.2147, 32.7430

Trichromacy



Original Color

19.4790, 23.0736, 33.9989

Protanomaly

21.2326, 22.9652, 32.1678

Deuteranomaly

21.5038, 22.6510, 34.2491

Tritanomaly

19.3600, 23.2473, 33.1726

Monochromacy



Original Color

19.4790, 23.0736, 33.9989

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.5711, 21.6161, 26.8077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4790, 23.0736, 33.9989 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(92, 139, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 139, 154) }
```

Border

The CSS property to change the border of an element to XYZ 19.4790, 23.0736, 33.9989 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, 154) }
```


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

```
.border{ border-color:rgb(92, 139, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(92, 139,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4790, 23.0736, 33.9989 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, 154) }
```

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

```
.background{ background-color: rgb(92, 139,  
154) }
```

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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