

Converting Colors

XYZ(19.7911, 23.9627, 30.7763)

Have a look what the booklet for
XYZ(19.7911, 23.9627, 30.7763)
contains.

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Color

**XYZ(19.7911, 23.9627,
30.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	618E92
RGB	97, 142, 146
RGB Percent	38%, 56%, 57%
CMY	0.6196, 0.4431, 0.4274
CMYK	0.34, 0.03, 0.00, 0.43
HSL	185°, 20%, 48%
HSV	185°, 34%, 57%
XYZ	19.7911, 23.9627, 30.7763
YIQ	129.0010, -28.1040, -8.2960

Conversions

Conversions Part 2

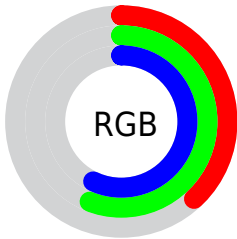
Format	Color
R_{YB}	97, 120, 146
Decimal	6393490
CIE _{Lab}	56.05, -14.21, -7.03
CIE _{LCh}	56, 15.850, 206.329
Yxy	23.9627, 0.2655, 0.3215
Android (android.graphics.Color)	4284583570 (0xFF618E92)
YUV	129.0010, 8.3805, -28.0649
Hunter-Lab	48.9517, -13.4982, -3.0099

Details

The XYZ color **19.7911, 23.9627, 30.7763** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6658, 16.2818, 13.4688**, and the grayscale version is **20.8458, 21.9314, 23.8833**.

A 20% lighter version of the original color is **42.5597, 50.0395, 62.0590**, and **7.1108, 9.1032, 12.4486** is the 20% darker color. If you saturate the color by 10%, you get **18.2002, 22.8814, 30.6518**, and if you desaturate by 10%, it is **21.6716, 25.1973, 30.9159**.

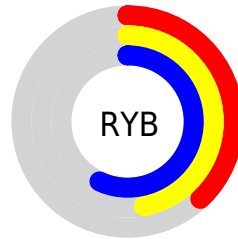
Distribution



Red (38%)

Green (56%)

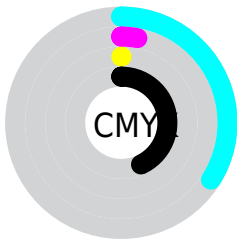
Blue (57%)



Red (38%)

Yellow (47%)

Blue (57%)

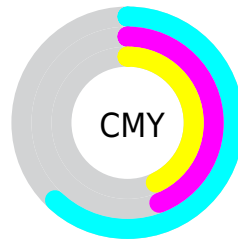


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7911, 23.9627, 30.7763 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 19.7911, 23.9627, 30.7763 by changing the saturation by 10% instead.

■ 19.7911, 23.9627,
30.7763

■ 19.7911, 23.9627,
30.7763

243.6371,
272.6318, 319.8256

■ 12.3507, 15.3060,
20.1715

■ 42.5733, 49.9693,
61.9631

■ 7.0569, 9.0344,
12.3345

■ 58.6458, 68.0880,
83.3823

■ 3.5443, 4.7636,
6.8466

■ 78.3263, 90.1294,
109.2433

■ 1.4477, 2.1092,
3.2894

■ 101.9802,
116.4780, 139.9648

■ 0.2898, 0.6698,
1.2442

129.9729,
147.5182, 175.9652

■ 0.0000, 0.0000,
0.0154

162.6697,

■ 0.0000, 0.0000,

183.6342, 217.6631

0.0000

200.4360,
225.2107, 265.4771

■ 19.7911, 23.9627,
30.7763

■ 19.7911, 23.9627,
30.7763

■ 18.2002, 22.8814,
30.6518

■ 21.6716, 25.1973,
30.9159

■ 16.8811, 21.9424,
30.5401

■ 23.8542, 26.5899,
31.0697

■ 15.8173, 21.1378,
30.4409

■ 26.3532, 28.1484,
31.2388

■ 14.9895, 20.4577,
30.3532

■ 29.1812, 29.8793,
31.4238

■ 14.3757, 19.8907,
30.2762

■ 32.3502, 31.7889,
31.6254

■ 13.9497, 19.4233,
30.2084

■ 35.8717, 33.8831,
31.8440

■ 13.7255, 19.1496,
30.1674

■ 39.7566, 36.1675,
32.0802

■ 44.0153, 38.6474,
32.3344

■ 48.6578, 41.3281,
32.6071

Harmonies

Analogous

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



19.4699, 23.9627, 25.4570



19.7911, 23.9627, 30.7763



20.8966, 23.9627, 35.3169

Triad

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



19.7911, 23.9627, 30.7763



25.8031, 23.9627, 32.0295



22.9998, 23.9627, 17.3397

Complementary

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



19.7911, 23.9627, 30.7763



18.6658, 16.2818, 13.4688

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.



24.7645, 23.9627, 18.6309



19.7911, 23.9627, 30.7763



26.4362, 23.9627, 26.7360

Square

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



19.7911, 23.9627, 30.7763



24.3578, 23.9627, 36.1052



26.0465, 23.9627, 21.9077



21.2639, 23.9627, 18.1247

Rectangle

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



19.7911, 23.9627, 30.7763



21.9615, 23.9627, 37.0485



26.0465, 23.9627, 21.9077



23.6100, 23.9627, 17.5404

Sweetspot

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



19.7918, 23.9637, 30.7769



43.4979, 47.7969, 54.9067



17.5224, 24.0249, 15.8388



9.5577, 10.5584, 12.2064



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.7918, 23.9637, 30.7769



32.8300, 40.8642, 54.1308



16.6246, 17.6292, 29.7211



5.9241, 6.4821, 7.4087



12.0860, 16.8668, 26.5496



0.1576, 0.2257, 0.3282

Inverse Universe

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



21.0119, 16.6140, 27.6916



35.3411, 26.0397, 47.7129



21.3164, 21.5829, 14.3523



6.0151, 5.9011, 7.1857



14.2275, 6.8961, 20.4769



0.1790, 0.0863, 0.2762

Previews

White Background



This preview shows how the XYZ color 19.7911, 23.9627, 30.7763 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 19.7911, 23.9627, 30.7763 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 19.7911, 23.9627, 30.7763

Background



This preview shows how black text looks on a background with the XYZ color 19.7911, 23.9627, 30.7763.



This preview shows how white text looks on a background with the XYZ color 19.7911, 23.9627,

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

19.7911, 23.9627, 30.7763

Protanopia

23.0268, 23.7665, 28.5731

Deuteranopia

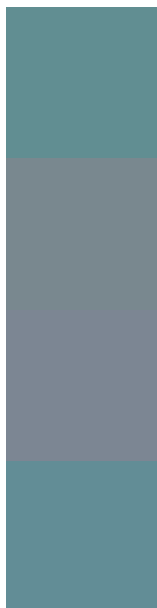
24.1431, 23.6788, 31.3150



Tritanopia

20.3380, 23.9694, 33.2604

Trichromacy



Original Color

19.7911, 23.9627, 30.7763

Protanomaly

21.6472, 23.6564, 29.4118

Deuteranomaly

22.1037, 23.4419, 30.9635

Tritanomaly

20.0669, 23.8484, 32.3997

Monochromacy



Original Color

19.7911, 23.9627, 30.7763

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.2344, 22.5814, 26.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7911, 23.9627, 30.7763 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(97, 142, 146)` looks like.

```
.text, #text, p{  
    color:rgb(97, 142, 146)  
}
```

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(97, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 142, 146) }
```

Border

The CSS property to change the border of an element to XYZ 19.7911, 23.9627, 30.7763 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(97, 142, 146) }
```


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

```
.border{ border-color:rgb(97, 142, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 142, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 142, 146);  
box-shadow:4px 4px 4px 4px rgb(97, 142,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7911, 23.9627, 30.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 142, 146) }
```

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

```
.background{ background-color: rgb(97, 142,  
146) }
```

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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