

Converting Colors

XYZ(19.0302, 23.4133, 20.4385)

Have a look what the booklet for
XYZ(19.0302, 23.4133, 20.4385)
contains.

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Color

**XYZ(19.0194, 23.3555,
20.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8C75
RGB	110, 140, 117
RGB Percent	43%, 55%, 46%
CMY	0.5686, 0.4510, 0.5412
CMYK	0.21, 0.00, 0.16, 0.45
HSL	134°, 12%, 49%
HSV	134°, 21%, 55%
XYZ	19.0194, 23.3555, 20.3353
YIQ	128.4080, -10.4970, -13.5130

Conversions

Conversions Part 2

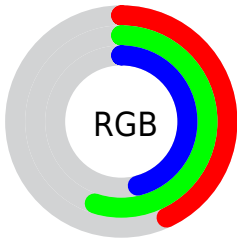
Format	Color
RYB	110, 134, 140
Decimal	7244917
CIELab	55.44, -15.46, 8.85
CIELCh	55, 17.815, 150.230
Yxy	23.3555, 0.3033, 0.3724
Android (android.graphics.Color)	4285434997 (0xFF6E8C75)
YUV	128.4080, -5.6241, -16.1438
Hunter-Lab	48.3275, -14.3241, 8.8812

Details

The XYZ color **19.0194, 23.3555, 20.3353** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6256, 18.4214, 24.6599**, and the grayscale version is **20.6817, 21.7587, 23.6952**.

A 20% lighter version of the original color is **41.3535, 49.1295, 44.8395**, and **6.7169, 8.7661, 6.9682** is the 20% darker color. If you saturate the color by 10%, you get **16.8179, 22.2901, 17.1248**, and if you desaturate by 10%, it is **21.5698, 24.5938, 23.9410**.

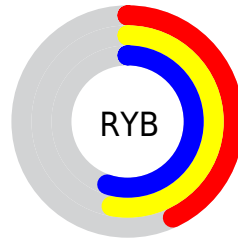
Distribution



Red (43%)

Green (55%)

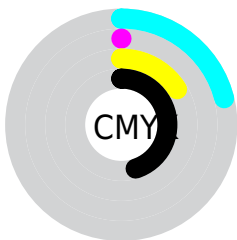
Blue (46%)



Red (43%)

Yellow (53%)

Blue (55%)

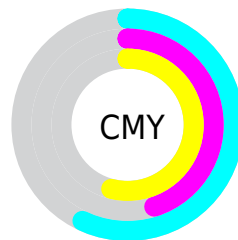


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (57%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0194, 23.3555, 20.3353 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 19.0194, 23.3555, 20.3353 by changing the saturation by 10% instead.

■ 19.0194, 23.3555,
20.3353

■ 19.0194, 23.3555,
20.3353

239.4919,
269.5457, 266.3886

■ 11.7884, 14.8562,
12.4525

■ 41.2835, 48.9764,
44.8450

■ 6.6709, 8.7185,
6.9264

■ 57.0473, 66.8668,
62.3089

■ 3.3017, 4.5581,
3.3384

■ 76.3861, 88.6564,
83.8037

■ 1.3152, 1.9904,
1.2699

■ 99.6651, 114.7296,
109.7478

■ 0.1946, 0.6019,
0.0369

127.2499,
145.4707, 140.5598

■ 0.0000, 0.0000,
0.0000

159.5057,

181.2641, 176.6583

196.7979,
222.4943, 218.4617

■ 19.0194, 23.3555,
20.3353

■ 19.0194, 23.3555,
20.3353

■ 16.8179, 22.2901,
17.1248

■ 21.5698, 24.5938,
23.9410

■ 14.9482, 21.3869,
14.2944

■ 24.4815, 26.0090,
27.9530

■ 13.3942, 20.6387,
11.8305

■ 27.7688, 27.6090,
32.3841

■ 12.1381, 20.0366,
9.7180

■ 31.4445, 29.4001,
37.2459

■ 11.1601, 19.5708,
7.9409

■ 35.5208, 31.3883,
42.5497

■ 10.4379, 19.2300,
6.4816

■ 40.0094, 33.5795,
48.3062

■ 9.9456, 19.0014,
5.3213

■ 44.9215, 35.9793,
54.5260

■ 9.6484, 18.8650,
4.5472

■ 50.2679, 38.5928,
61.2190

■ 56.0590, 41.4254,
68.3952

Harmonies

Analogous

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



20.3148, 23.3555, 17.0380



19.0194, 23.3555, 20.3353



18.5644, 23.3555, 25.4744

Triad

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



19.0194, 23.3555, 20.3353



22.2142, 23.3555, 38.1376



25.6969, 23.3555, 20.2694

Complementary

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



19.0194, 23.3555, 20.3353



20.6256, 18.4214, 24.6599

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.



26.2788, 23.3555, 25.3860



19.0194, 23.3555, 20.3353



24.1956, 23.3555, 36.2053

Square

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



19.0194, 23.3555, 20.3353



20.3400, 23.3555, 36.2613



25.7139, 23.3555, 31.3120



24.1673, 23.3555, 17.0041

Rectangle

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



19.0194, 23.3555, 20.3353



18.7761, 23.3555, 29.4398



25.7139, 23.3555, 31.3120



26.0138, 23.3555, 21.8022

Sweetspot

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



19.0200, 23.3565, 20.3358



40.6680, 44.6414, 45.8673



21.9455, 24.9104, 18.4037



9.3053, 10.2546, 10.4786



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.0200, 23.3565, 20.3358



31.4697, 40.1776, 32.8684



19.9400, 23.7245, 25.1800



5.0166, 5.6261, 5.6083



8.5794, 16.7643, 4.0758



0.0619, 0.1133, 0.0528

Inverse Universe

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



20.6256, 18.4214, 24.6599



34.8517, 29.7784, 41.9743



19.6917, 18.0478, 19.7420



5.1848, 5.1094, 6.0615



11.9913, 5.9067, 12.9906



0.0853, 0.0415, 0.1158

Previews

White Background



This preview shows how the XYZ color 19.0194, 23.3555, 20.3353 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 19.0194, 23.3555, 20.3353 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 19.0194, 23.3555, 20.3353

Background



This preview shows how black text looks on a background with the XYZ color 19.0194, 23.3555, 20.3353.



This preview shows how white text looks on a background with the XYZ color 19.0194, 23.3555,

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

19.0194, 23.3555, 20.3353

Protanopia

21.8794, 23.1838, 18.9445

Deuteranopia

23.6870, 23.2784, 21.0140



Tritanopia

21.1409, 23.3597, 30.9984

Trichromacy



Original Color

19.0194, 23.3555, 20.3353

Protanomaly

20.6033, 23.1320, 19.2986

Deuteranomaly

21.5727, 22.9853, 20.7524

Tritanomaly

20.1996, 23.1796, 26.7020

Monochromacy



Original Color

19.0194, 23.3555, 20.3353

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.7745, 22.0227, 22.2774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0194, 23.3555, 20.3353 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(110, 140, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 140, 117)  
}
```

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(110, 140, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 140, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.0194, 23.3555, 20.3353 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(110, 140, 117) }
```


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

```
.border{ border-color:rgb(110, 140, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 140, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 140, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 140, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 140,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0194, 23.3555, 20.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 140, 117) }
```

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

```
.background{ background-color: rgb(110,  
140, 117) }
```

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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