

Converting Colors

XYZ(23.3559, 18.9555, 10.6124)

Have a look what the booklet for
XYZ(23.3559, 18.9555, 10.6124)
contains.

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Color

**XYZ(23.3260, 18.8979,
10.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6653
RGB	172, 102, 83
RGB Percent	67%, 40%, 33%
CMY	0.3255, 0.6000, 0.6745
CMYK	0.00, 0.41, 0.52, 0.33
HSL	13°, 35%, 50%
HSV	13°, 52%, 67%
XYZ	23.3260, 18.8979, 10.6019
YIQ	120.7640, 47.8190, 8.9310

Conversions

Conversions Part 2

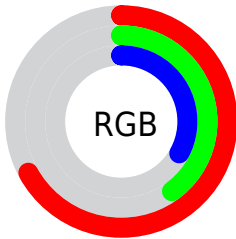
Format	Color
R_{YB}	172, 107, 83
Decimal	11298387
CIE _{Lab}	50.57, 26.11, 22.76
CIE _{LCh}	51, 34.641, 41.076
Yxy	18.8979, 0.4416, 0.3577
Android (android.graphics.Color)	4289488467 (0xFFAC6653)
YUV	120.7640, -18.6177, 44.9340
Hunter-Lab	43.4717, 19.7038, 15.9705

Details

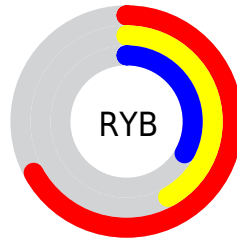
The XYZ color **23.3260, 18.8979, 10.6019** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **22.4045, 27.5990, 43.1760**, and the grayscale version is **18.1456, 19.0906, 20.7896**.

A 20% lighter version of the original color is **48.4224, 41.6277, 27.6731**, and **8.8715, 6.4913, 2.6191** is the 20% darker color. If you saturate the color by 10%, you get **21.5198, 16.2197, 7.1201**, and if you desaturate by 10%, it is **25.5148, 22.0778, 15.0244**.

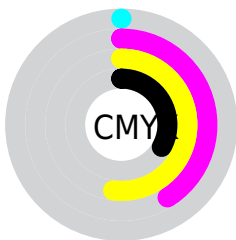
Distribution



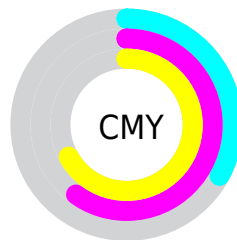
- Red (67%)
- Green (40%)
- Blue (33%)



- Red (67%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.3260, 18.8979, 10.6019 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 23.3260, 18.8979, 10.6019 by changing the saturation by 10% instead.


 23.3260, 18.8979,
10.6019


 23.3260, 18.8979,
10.6019


261.8992,
245.8845, 205.5540


 14.9564, 11.5965,
5.6890


 48.3908, 41.5615,
27.5469


 8.8749, 6.4696,
2.5912


 65.8167, 57.6925,
40.4162


 4.7161, 3.1327,
0.8879

 86.9922, 77.5355,
56.7746

 2.1147, 1.2014,
0.0000

 112.2824,
101.4750, 77.0409

 0.6972, 0.0628,
0.0000

 142.0529,
129.8952, 101.6334

 0.0000, 0.0000,
0.0000

176.6690,

163.1806, 130.9707

216.4959,
201.7156, 165.4714

■ 23.3260, 18.8979,
10.6019

■ 23.3260, 18.8979,
10.6019

■ 21.5198, 16.2197,
7.1201

■ 25.5148, 22.0778,
15.0244

■ 20.0719, 14.0144,
4.5089

■ 28.1059, 25.7806,
20.4484

■ 18.9573, 12.2545,
2.6904

■ 31.1189, 30.0298,
26.9309

■ 18.1466, 10.9082,
1.5717

■ 34.5721, 34.8464,
34.5243

■ 17.6663, 10.0768,
1.0139

■ 38.4824, 40.2505,
43.2776

■ 42.8659, 46.2611,
53.2366

■ 47.7380, 52.8963,
64.4448

■ 53.1132, 60.1736,
76.9437

■ 59.0055, 68.1096,
90.7724

Harmonies

Analogous

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



25.1327, 18.8979, 17.2009



23.3260, 18.8979, 10.6019



20.1555, 18.8979, 7.5052

Triad

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



23.3260, 18.8979, 10.6019



12.4840, 18.8979, 15.1062



19.2409, 18.8979, 44.8119

Complementary

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



23.3260, 18.8979, 10.6019



22.4045, 27.5990, 43.1760

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.



15.9335, 18.8979, 43.7121



23.3260, 18.8979, 10.6019



12.3040, 18.8979, 24.3673

Square

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



23.3260, 18.8979, 10.6019



14.0175, 18.8979, 9.4846



13.4905, 18.8979, 35.4069



22.5845, 18.8979, 38.0601

Rectangle

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



23.3260, 18.8979, 10.6019



17.8400, 18.8979, 7.0043



13.4905, 18.8979, 35.4069



18.0843, 18.8979, 45.3920

Sweetspot

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



23.3265, 18.8989, 10.6023



59.7719, 59.1167, 56.1181



25.9560, 17.2971, 32.6300



12.7222, 12.4740, 11.6080



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.3265, 18.8989, 10.6023



38.6435, 28.8282, 12.1788



28.7460, 29.7379, 12.4088



8.1387, 8.2823, 8.3830



13.1805, 7.5666, 0.7658



0.4054, 0.2879, 0.0342

Inverse Universe

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



22.4045, 27.5990, 43.1760



36.7263, 46.2403, 77.7954



16.5575, 15.9050, 41.2270



8.0890, 8.7774, 10.2206



12.0581, 15.2501, 31.3526



0.3713, 0.4959, 0.8841

Previews

White Background



This preview shows how the XYZ color 23.3260, 18.8979, 10.6019 looks on a white background.

Color Contrast Check

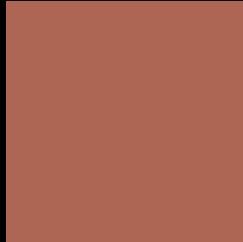
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3260, 18.8979, 10.6019 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 23.3260, 18.8979, 10.6019

Background



This preview shows how black text looks on a background with the XYZ color 23.3260, 18.8979, 10.6019.



This preview shows how white text looks on a background with the XYZ color 23.3260, 18.8979,

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

23.3260, 18.8979, 10.6019

Protanopia

17.7790, 19.0972, 12.6466

Deuteranopia

19.3704, 19.0897, 10.2532



Tritanopia

24.5189, 18.9630, 16.0036

Trichromacy



Original Color

23.3260, 18.8979, 10.6019

Protanomaly

19.4558, 18.7590, 11.8279

Deuteranomaly

20.6872, 18.9315, 10.3484

Tritanomaly

23.9954, 18.8804, 13.9349

Monochromacy



Original Color

23.3260, 18.8979, 10.6019

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.4864, 18.6716, 16.4869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3260, 18.8979, 10.6019 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(172, 102, 83)` looks like.

```
.text, #text, p{  
    color:rgb(172, 102, 83)  
}
```

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(172, 102, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 102, 83) }
```

Border

The CSS property to change the border of an element to XYZ 23.3260, 18.8979, 10.6019 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(172, 102, 83) }
```


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

```
.border{ border-color:rgb(172, 102, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 102, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 102, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 102, 83);  
box-shadow:4px 4px 4px 4px rgb(172, 102,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3260, 18.8979, 10.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 102, 83) }
```

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

```
.background{ background-color: rgb(172,  
102, 83) }
```

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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