

Converting Colors

XYZ(23.8709, 19.8951, 10.4737)

Have a look what the booklet for
XYZ(23.8709, 19.8951, 10.4737)
contains.

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Color

**XYZ(24.0143, 20.0088,
10.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6B52
RGB	173, 107, 82
RGB Percent	68%, 42%, 32%
CMY	0.3216, 0.5804, 0.6784
CMYK	0.00, 0.38, 0.53, 0.32
HSL	16°, 36%, 50%
HSV	16°, 53%, 68%
XYZ	24.0143, 20.0088, 10.5790
YIQ	123.8840, 47.3610, 6.2170

Conversions

Conversions Part 2

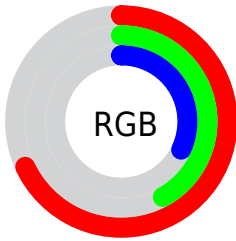
Format	Color
R_{YB}	173, 116, 82
Decimal	11365202
CIE Lab	51.85, 23.65, 25.03
CIE LCh	52, 34.437, 46.631
Yxy	20.0088, 0.4398, 0.3664
Android (android.graphics.Color)	4289555282 (0xFFAD6B52)
YUV	123.8840, -20.6488, 43.0747
Hunter-Lab	44.7312, 17.5496, 17.2897

Details

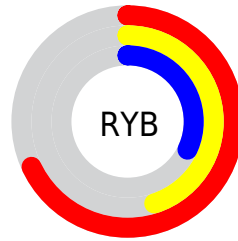
The XYZ color **24.0143, 20.0088, 10.5790** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.6119, 25.9896, 43.4126**, and the grayscale version is **19.1755, 20.1742, 21.9696**.

A 20% lighter version of the original color is **49.5180, 43.4511, 27.6068**, and **9.2340, 7.0434, 2.6231** is the 20% darker color. If you saturate the color by 10%, you get **22.2226, 17.3496, 7.1333**, and if you desaturate by 10%, it is **26.1627, 23.1161, 14.9629**.

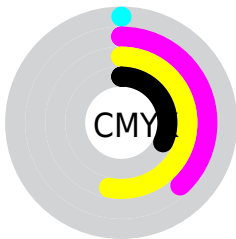
Distribution



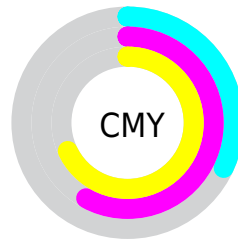
- Red (68%)
- Green (42%)
- Blue (32%)



- Red (68%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (32%)





- Cyan (32%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0143, 20.0088, 10.5790 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 24.0143, 20.0088, 10.5790 by changing the saturation by 10% instead.

 24.0143, 20.0088,
10.5790


 24.0143, 20.0088,
10.5790


265.3319,
251.9628, 205.3887


 15.4690, 12.4014,
5.6739


 49.5080, 43.4319,
27.5036


 9.2377, 7.0177,
2.5823


 67.1872, 60.0165,
40.3603


 4.9549, 3.4732,
0.8833

 88.6417, 80.3623,
56.7045

 2.2553, 1.3835,
0.0000

 114.2369,
104.8536, 76.9549

 0.7716, 0.2045,
0.0000

 144.3382,
133.8749, 101.5300

 0.0000, 0.0000,
0.0000

179.3109,

167.8106, 130.8483

219.5203,
207.0451, 165.3283

■ 24.0143, 20.0088,
10.5790

■ 24.0143, 20.0088,
10.5790

■ 22.2226, 17.3496,
7.1333

■ 26.1627, 23.1161,
14.9629

■ 20.7654, 15.1140,
4.5548

■ 28.6856, 26.6882,
20.3463

■ 19.6199, 13.2798,
2.7642

■ 31.6009, 30.7449,
26.7868

■ 18.7591, 11.8211,
1.6671

■ 34.9251, 35.3036,
34.3373

■ 18.2716, 10.9603,
1.1525

■ 38.6737, 40.3811,
43.0469

■ 42.8614, 45.9931,
52.9620

■ 47.5022, 52.1550,
64.1263

■ 52.6092, 58.8812,
76.5813

■ 58.1953, 66.1858,
90.3666

Harmonies

Analogous

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



26.2086, 20.0088, 16.7304



24.0143, 20.0088, 10.5790



20.6139, 20.0088, 7.9164

Triad

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



24.0143, 20.0088, 10.5790



13.2018, 20.0088, 17.6332



21.0061, 20.0088, 45.9112

Complementary

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



24.0143, 20.0088, 10.5790



21.6119, 25.9896, 43.4126

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.



17.5062, 20.0088, 46.3787



24.0143, 20.0088, 10.5790



13.2795, 20.0088, 27.7699

Square

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



24.0143, 20.0088, 10.5790



14.5401, 20.0088, 11.0646



14.7673, 20.0088, 38.9798



24.3316, 20.0088, 37.8497

Rectangle

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



24.0143, 20.0088, 10.5790



18.2525, 20.0088, 7.7181



14.7673, 20.0088, 38.9798



19.8041, 20.0088, 47.0316

Sweetspot

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



24.0148, 20.0098, 10.5794



60.2720, 60.1171, 56.2849



25.6545, 17.0804, 30.2671



12.8415, 12.7125, 11.6478



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.



24.0148, 20.0098, 10.5794



39.3709, 30.4241, 11.9866



29.9470, 31.8743, 12.5568



8.1777, 8.3602, 8.3960



13.4654, 8.1362, 0.8607



0.4207, 0.3185, 0.0393

Inverse Universe

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



21.6119, 25.9896, 43.4126



34.5440, 42.1746, 77.1256



15.8961, 14.5581, 41.5074



8.0475, 8.6943, 10.2067



11.0218, 13.1775, 31.0071



0.3491, 0.4516, 0.8768

Previews

White Background



This preview shows how the XYZ color 24.0143, 20.0088, 10.5790 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 24.0143, 20.0088, 10.5790 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 24.0143, 20.0088, 10.5790

Background



This preview shows how black text looks on a background with the XYZ color 24.0143, 20.0088, 10.5790.



This preview shows how white text looks on a background with the XYZ color 24.0143, 20.0088,

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

24.0143, 20.0088, 10.5790

Protanopia

18.8423, 20.2049, 12.3580

Deuteranopia

20.4392, 20.1624, 10.4039



Tritanopia

25.3987, 19.9622, 17.5533

Trichromacy



Original Color

24.0143, 20.0088, 10.5790

Protanomaly

20.3709, 19.9247, 11.5763

Deuteranomaly

21.7165, 20.1246, 10.5244

Tritanomaly

24.7061, 19.8194, 14.5800

Monochromacy



Original Color

24.0143, 20.0088, 10.5790

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.3941, 19.8118, 17.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0143, 20.0088, 10.5790 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(173, 107, 82)` looks like.

```
.text, #text, p{  
    color:rgb(173, 107, 82)  
}
```

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(173, 107, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 107, 82) }
```

Border

The CSS property to change the border of an element to XYZ 24.0143, 20.0088, 10.5790 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(173, 107, 82) }
```


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

```
.border{ border-color:rgb(173, 107, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 107, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 107, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 107, 82);  
box-shadow:4px 4px 4px 4px rgb(173, 107,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0143, 20.0088, 10.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 107, 82) }
```

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

```
.background{ background-color: rgb(173,  
107, 82) }
```

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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