

Converting Colors

XYZ(23.0187, 17.6701, 14.5094)

Have a look what the booklet for
XYZ(23.0187, 17.6701, 14.5094)
contains.

XYZ(23.0187, 17.6701, 14.5094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.0187, 17.6701,
14.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5F65
RGB	170, 95, 101
RGB Percent	67%, 37%, 40%
CMY	0.3333, 0.6274, 0.6039
CMYK	0.00, 0.44, 0.41, 0.33
HSL	355°, 31%, 52%
HSV	355°, 44%, 67%
XYZ	23.0187, 17.6701, 14.5094
YIQ	118.1090, 42.7740, 17.7660

Conversions

Conversions Part 2

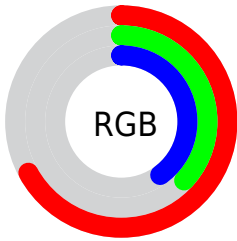
Format	Color
R_{YB}	170, 95, 101
Decimal	11165541
CIE _{Lab}	49.09, 31.09, 10.08
CIE _{LCh}	49, 32.679, 17.957
Yxy	17.6701, 0.4170, 0.3201
Android (android.graphics.Color)	4289355621 (0xFFAA5F65)
YUV	118.1090, -8.4347, 45.5084
Hunter-Lab	42.0358, 24.1834, 8.9601

Details

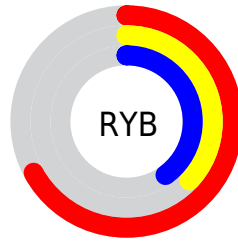
The XYZ color **23.0187, 17.6701, 14.5094** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7957, 33.8629, 40.3005**, and the grayscale version is **17.2708, 18.1702, 19.7873**.

A 20% lighter version of the original color is **48.0961, 39.6284, 34.8199**, and **8.7131, 5.8652, 4.1629** is the 20% darker color. If you saturate the color by 10%, you get **20.9563, 14.6572, 10.3941**, and if you desaturate by 10%, it is **25.5621, 21.4115, 19.5049**.

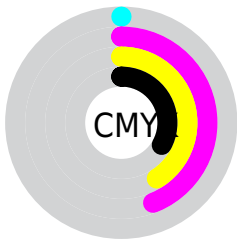
Distribution



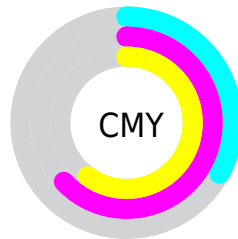
- Red (67%)
- Green (37%)
- Blue (40%)



- Red (67%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0187, 17.6701, 14.5094 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 23.0187, 17.6701, 14.5094 by changing the saturation by 10% instead.

■ 23.0187, 17.6701,
14.5094

■ 23.0187, 17.6701,
14.5094

260.3546,
239.0049, 231.9148

■ 14.7281, 10.7134,
8.3330

■ 47.8905, 39.4744,
34.7202

■ 8.7138, 5.8745,
4.2180

■ 65.2023, 55.0907,
49.5918

■ 4.6106, 2.7689,
1.7457

■ 86.2520, 74.3624,
68.1988

■ 2.0530, 1.0123,
0.3917

■ 111.4048, 97.6739,
90.9598

■ 0.6635, 0.0000,
0.0000

141.0261,
125.4095, 118.2934

■ 0.0000, 0.0000,
0.0000

175.4812,

157.9536, 150.6180

215.1356,
195.6906, 188.3523

■ 23.0187, 17.6701,
14.5094

■ 23.0187, 17.6701,
14.5094

■ 20.9563, 14.6572,
10.3941

■ 25.5621, 21.4115,
19.5049

■ 19.3431, 12.3227,
7.1070

■ 28.6126, 25.9216,
25.4266

■ 18.1460, 10.6148,
4.5921


■ 32.1964, 31.2411,
32.3184


■ 17.3265, 9.4729,
2.7862


■ 36.3371, 37.4069,
40.2211


■ 16.8387, 8.8242,
1.6157


■ 41.0572, 44.4536,
49.1732

 16.6540, 8.5766,
1.1787

 46.3778, 52.4140,
59.2111

 52.3190, 61.3192,
70.3697

 58.8998, 71.1986,
82.6819

 66.1387, 82.0808,
96.1797

Harmonies

Analogous

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



23.2126, 17.6701, 22.9635



23.0187, 17.6701, 14.5094



21.0393, 17.6701, 9.2629

Triad

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



23.0187, 17.6701, 14.5094



12.8029, 17.6701, 10.0368



15.6001, 17.6701, 40.8012

Complementary

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



23.0187, 17.6701, 14.5094



25.7957, 33.8629, 40.3005

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.



13.1635, 17.6701, 34.6144



23.0187, 17.6701, 14.5094



11.6846, 17.6701, 15.9420

Square

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



23.0187, 17.6701, 14.5094



15.0498, 17.6701, 7.2716



11.8081, 17.6701, 24.9004



18.6699, 17.6701, 40.0648

Rectangle

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



23.0187, 17.6701, 14.5094



19.0949, 17.6701, 7.4879



11.8081, 17.6701, 24.9004



14.6874, 17.6701, 39.4003

Sweetspot

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



23.0192, 17.6710, 14.5097



59.0363, 57.6045, 59.8240



26.6066, 18.9536, 40.2861



12.8291, 12.3462, 12.6969



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.



23.0192, 17.6710, 14.5097



38.0742, 26.6683, 18.9619



26.1365, 24.3588, 14.1519



7.5546, 7.5517, 7.9715



12.2599, 6.3127, 0.9145



0.3056, 0.1565, 0.0609

Inverse Universe

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



23.0192, 17.6710, 14.5097



38.0742, 26.6683, 18.9619



21.1723, 23.7289, 41.4942



7.5546, 7.5517, 7.9715



12.2599, 6.3127, 0.9145



0.3056, 0.1565, 0.0609

Previews

White Background



This preview shows how the XYZ color 23.0187, 17.6701, 14.5094 looks on a white 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

Black Background



This preview shows how the XYZ color 23.0187, 17.6701, 14.5094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

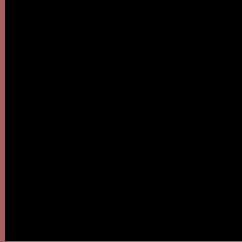
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0187, 17.6701, 14.5094

Background



This preview shows how black text looks on a background with the XYZ color 23.0187, 17.6701, 14.5094.



This preview shows how white text looks on a background with the XYZ color 23.0187, 17.6701,

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

23.0187, 17.6701, 14.5094

Protanopia

17.0316, 17.8855, 17.8838

Deuteranopia

18.1014, 17.8430, 14.0453



Tritanopia

23.0680, 17.6898, 14.7690

Trichromacy



Original Color

23.0187, 17.6701, 14.5094

Protanomaly

18.6566, 17.4233, 16.5671

Deuteranomaly

19.6189, 17.5048, 14.1491

Tritanomaly

23.0680, 17.6898, 14.7690

Monochromacy



Original Color

23.0187, 17.6701, 14.5094

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8171, 17.6401, 17.7423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0187, 17.6701, 14.5094 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(170, 95, 101)` looks like.

```
.text, #text, p{  
    color:rgb(170, 95, 101)  
}
```

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(170, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 95, 101) }
```

Border

The CSS property to change the border of an element to XYZ 23.0187, 17.6701, 14.5094 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(170, 95, 101) }
```


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

```
.border{ border-color:rgb(170, 95, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(170, 95,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0187, 17.6701, 14.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 95, 101) }
```

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

```
.background{ background-color: rgb(170, 95,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor