

Converting Colors

XYZ(26.5200, 23.2294, 5.7753)

Have a look what the booklet for
XYZ(26.5200, 23.2294, 5.7753)
contains.

| | |
|--|----|
| XYZ(26.5200, 23.2294, 5.7753) | 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(26.5200, 23.2294,
5.7753)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B7762F |
| RGB | 183, 118, 47 |
| RGB Percent | 72%, 46%, 18% |
| CMY | 0.2824, 0.5372, 0.8157 |
| CMYK | 0.00, 0.36, 0.74, 0.28 |
| HSL | 31°, 59%, 45% |
| HSV | 31°, 74%, 72% |
| XYZ | 26.5200, 23.2294, 5.7753 |
| YIQ | 129.3410, 61.5310, -8.3010 |

Conversions

Conversions Part 2

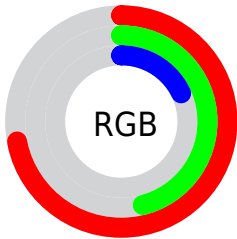
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 172, 183, 47 |
| Decimal | 12023343 |
| CIE _{Lab} | 55.31, 19.36, 47.80 |
| CIE _{LCh} | 55, 51.572, 67.948 |
| Y _{xy} | 23.2294, 0.4776, 0.4184 |
| Android (android.graphics.Color) | 4290213423 (0xFFB7762F) |
| YUV | 129.3410, -40.5941, 47.0589 |
| Hunter-Lab | 48.1969, 13.8738, 26.6333 |

Details

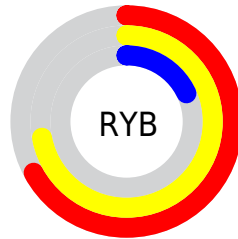
The XYZ color **26.5200, 23.2294, 5.7753** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15.5134, 15.6109, 46.9951**, and the grayscale version is **21.1095, 22.2089, 24.1854**.

A 20% lighter version of the original color is **53.4945, 48.6672, 17.8835**, and **10.5856, 8.6162, 1.1052** is the 20% darker color. If you saturate the color by 10%, you get **25.2428, 21.1472, 3.8946**, and if you desaturate by 10%, it is **28.0485, 25.5669, 8.5036**.

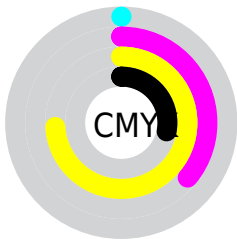
Distribution



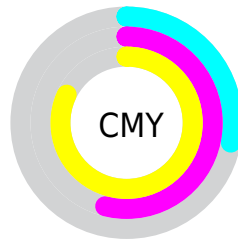
- Red (72%)
- Green (46%)
- Blue (18%)



- Red (67%)
- Yellow (72%)
- Blue (18%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (28%)





- Cyan (28%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5200, 23.2294, 5.7753 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 26.5200, 23.2294, 5.7753 by changing the saturation by 10% instead.

 26.5200, 23.2294,
5.7753


 26.5200, 23.2294,
5.7753


277.5356,
268.9011, 166.2845


 17.3478, 14.7630,
2.6424


 53.5380, 48.7697,
17.9322


 10.5796, 8.6532,
0.9142


 72.1145, 66.6124,
27.7933

 5.8501, 4.5157,
0.0000

 94.5564, 88.3494,
40.7342

 2.7939, 1.9660,
0.0000

 121.2292,
114.3649, 57.1734

 1.0457, 0.5876,
0.0000

 152.4981,
145.0434, 77.5295

 0.0000, 0.0000,
0.0000

 188.7286,

180.7694, 102.2211

230.2860,
221.9271, 131.6665

■ 26.5200, 23.2294,
5.7753

■ 26.5200, 23.2294,
5.7753

■ 25.2428, 21.1472,
3.8946

■ 28.0485, 25.5669,
8.5036

■ 24.1920, 19.3033,
2.7496

■ 29.8465, 28.1680,
12.1699

■ 23.6696, 18.3497,
2.2943

■ 31.9318, 31.0446,
16.8542

■ 34.3201, 34.2068,
22.6274

■ 37.0257, 37.6638,
29.5541

■ 40.0620, 41.4244,
37.6940

■ 43.4415, 45.4970,
47.1022

■ 47.1759, 49.8895,
57.8307

■ 51.2764, 54.6096,
69.9285

Harmonies

Analogous

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



32.0537, 23.2294, 10.3346



26.5200, 23.2294, 5.7753



20.5775, 23.2294, 5.0521

Triad

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



26.5200, 23.2294, 5.7753



12.7996, 23.2294, 29.9540



29.6426, 23.2294, 59.6108

Complementary

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



26.5200, 23.2294, 5.7753



15.5134, 15.6109, 46.9951

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.



23.6514, 23.2294, 71.7264



26.5200, 23.2294, 5.7753



14.4232, 23.2294, 50.3490

Square

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



26.5200, 23.2294, 5.7753



13.2970, 23.2294, 15.1257



18.1634, 23.2294, 67.7494



34.0646, 23.2294, 39.2243

Rectangle

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



26.5200, 23.2294, 5.7753



17.2690, 23.2294, 6.3077



18.1634, 23.2294, 67.7494



27.7078, 23.2294, 65.1161

Sweetspot

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



26.5205, 23.2306, 5.7757



67.3272, 68.7272, 55.6034



23.5106, 13.2867, 16.8699



14.5624, 14.7930, 11.4707



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.5205, 23.2306, 5.7757



44.0064, 35.7929, 5.5717



36.4400, 43.8636, 9.2355



9.3821, 9.7671, 9.4977



16.5815, 12.9394, 1.6236



0.6461, 0.5793, 0.0778

Inverse Universe

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



15.5134, 15.6109, 46.9951



23.3199, 21.5112, 83.1587



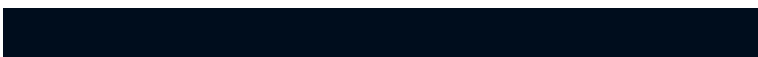
10.8434, 6.1118, 45.4077



8.8657, 9.4085, 11.4282



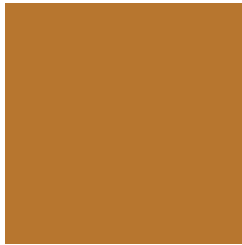
8.4342, 7.3280, 32.2230



0.3594, 0.3824, 1.1566

Previews

White Background



This preview shows how the XYZ color 26.5200, 23.2294, 5.7753 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 26.5200, 23.2294, 5.7753 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 26.5200, 23.2294, 5.7753

Background



This preview shows how black text looks on a background with the XYZ color 26.5200, 23.2294, 5.7753.



This preview shows how white text looks on a background with the XYZ color 26.5200, 23.2294,

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

26.5200, 23.2294, 5.7753

Protanopia

21.1978, 23.3100, 6.5140

Deuteranopia

23.6414, 23.2105, 5.6169



Tritanopia

29.5077, 23.2656, 20.3882

Trichromacy



Original Color

26.5200, 23.2294, 5.7753

Protanomaly

22.9928, 23.2457, 6.2926

Deuteranomaly

24.5699, 23.1260, 5.6514

Tritanomaly

28.2428, 23.2640, 13.3578

Monochromacy



Original Color

26.5200, 23.2294, 5.7753

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9802, 21.9576, 14.8841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5200, 23.2294, 5.7753 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(183, 118, 47)` looks like.

```
.text, #text, p{  
    color:rgb(183, 118, 47)  
}
```

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(183, 118, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 118, 47) }
```

Border

The CSS property to change the border of an element to XYZ 26.5200, 23.2294, 5.7753 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(183, 118, 47) }
```


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

```
.border{ border-color:rgb(183, 118, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 118, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 118, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 118, 47);  
box-shadow:4px 4px 4px 4px rgb(183, 118,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5200, 23.2294, 5.7753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 118, 47) }
```

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

```
.background{ background-color: rgb(183,  
118, 47) }
```

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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