

Converting Colors

XYZ(25.4791, 23.2457, 2.4608)

Have a look what the booklet for
XYZ(25.4791, 23.2457, 2.4608)
contains.

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Color

**XYZ(25.6598, 23.3780,
3.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	B47900
RGB	180, 121, 0
RGB Percent	71%, 47%, 0%
CMY	0.2941, 0.5255, 1.0000
CMYK	0.00, 0.33, 1.00, 0.29
HSL	40°, 100%, 35%
HSV	40°, 100%, 71%
XYZ	25.6598, 23.3780, 3.1600
YIQ	124.8470, 74.0050, -25.1230

Conversions

Conversions Part 2

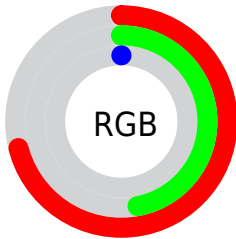
Format	Color
RYB	88, 180, 0
Decimal	11827456
CIELab	55.46, 15.14, 61.74
CIELCh	55, 63.573, 76.225
Yxy	23.3780, 0.4916, 0.4479
Android (android.graphics.Color)	4290017536 (0xFFB47900)
YUV	124.8470, -61.5496, 48.3692
Hunter-Lab	48.3508, 10.1162, 29.9706

Details

The XYZ color **25.6598, 23.3780, 3.1600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.8024, 6.4236, 43.9031**, and the grayscale version is **19.6255, 20.6475, 22.4852**.

A 20% lighter version of the original color is **52.2323, 48.9932, 12.0139**, and **10.4086, 8.9027, 1.1698** is the 20% darker color. If you saturate the color by 10%, you get **25.6599, 23.3785, 3.1601**, and if you desaturate by 10%, it is **26.5086, 24.9011, 3.9819**.

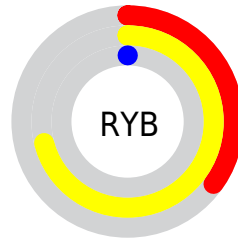
Distribution



Red (71%)

Green (47%)

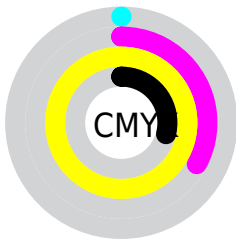
Blue (0%)



Red (35%)

Yellow (71%)

Blue (0%)

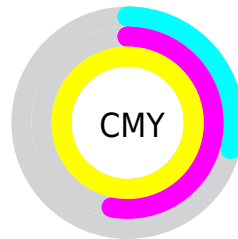


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6598, 23.3780, 3.1600 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 25.6598, 23.3780, 3.1600 by changing the saturation by 10% instead.

■ 25.6598, 23.3780,
3.1600

■ 25.6598, 23.3780,
3.1600

273.3955,
269.6606, 138.3731

■ 16.7007, 14.8729,
1.1769

■ 52.1608, 49.0133,
12.0208

■ 10.1153, 8.7302,
0.0000

■ 70.4334, 66.9122,
19.7355

■ 5.5383, 4.5656,
0.0000

■ 92.5412, 88.7111,
30.1979

■ 2.6044, 1.9947,
0.0000

■ 118.8495,
114.7946, 43.8264


■ 0.9482, 0.6044,
0.0000


■ 149.7238,
145.5468, 61.0397


■ 0.0000, 0.0000,
0.0000


■ 185.5293,


181.3523, 82.2562


 226.6314,
222.5954, 107.8944


 25.6598, 23.3780,
3.1600


 25.6598, 23.3780,
3.1600


 25.6599, 23.3785,
3.1601

 26.5086, 24.9011,
3.9819

 27.5016, 26.5522,
5.3453

 28.6782, 28.3493,
7.4515

 30.0573, 30.3012,
10.3969

 31.6550, 32.4154,
14.2631

■ 33.4858, 34.6987,
19.1223

■ 35.5625, 37.1574,
25.0392

■ 37.8971, 39.7974,
32.0731

■ 40.5005, 42.6240,
40.2789

Harmonies

Analogous

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



33.1624, 23.3780, 6.2872



25.6598, 23.3780, 3.1600



18.5934, 23.3780, 3.2697

Triad

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



25.6598, 23.3780, 3.1600



11.4547, 23.3780, 38.1275



33.7085, 23.3780, 63.6040

Complementary

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



25.6598, 23.3780, 3.1600



9.8024, 6.4236, 43.9031

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.



26.2902, 23.3780, 85.1280



25.6598, 23.3780, 3.1600



13.9961, 23.3780, 65.8224

Square

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



25.6598, 23.3780, 3.1600



11.3571, 23.3780, 17.1778



19.1024, 23.3780, 86.1066



38.4403, 23.3780, 36.0371

Rectangle

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



25.6598, 23.3780, 3.1600



15.0409, 23.3780, 5.0635



19.1024, 23.3780, 86.1066



31.3826, 23.3780, 72.3082

Sweetspot

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



25.6603, 23.3792, 3.1604



64.2764, 67.1357, 44.7970



19.6382, 10.0297, 5.1766



13.5450, 14.1038, 8.6779



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.6603, 23.3792, 3.1604



46.3058, 41.9478, 5.6562



28.8991, 39.1265, 6.0293



8.9576, 9.4278, 9.0002



17.9724, 16.4434, 2.2266



0.6160, 0.6184, 0.0869

Inverse Universe

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



9.8024, 6.4236, 43.9031



17.5841, 11.2680, 79.5428



8.7739, 3.5716, 43.4068



8.2619, 8.6700, 10.7444



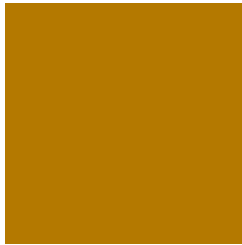
6.8967, 4.5938, 30.6602



0.2716, 0.2538, 0.9829

Previews

White Background



This preview shows how the XYZ color 25.6598, 23.3780, 3.1600 looks on a white background.

Color Contrast Check

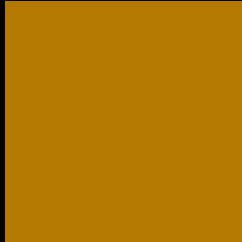
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6598, 23.3780, 3.1600 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 25.6598, 23.3780, 3.1600

Background



This preview shows how black text looks on a background with the XYZ color 25.6598, 23.3780, 3.1600.



This preview shows how white text looks on a background with the XYZ color 25.6598, 23.3780,

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

25.6598, 23.3780, 3.1600

Protanopia

21.1691, 23.5608, 3.7798

Deuteranopia

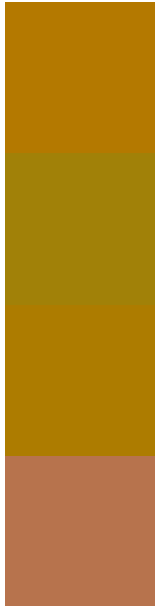
23.8230, 23.3567, 3.2527



Tritanopia

29.2529, 23.2831, 21.0414

Trichromacy



Original Color

25.6598, 23.3780, 3.1600

Protanomaly

22.5920, 23.2951, 3.5354

Deuteranomaly

24.4412, 23.2995, 3.2091

Tritanomaly

26.9987, 22.8646, 10.0115

Monochromacy



Original Color

25.6598, 23.3780, 3.1600

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3327, 21.0142, 10.5739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6598, 23.3780, 3.1600 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(180, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 121, 0)  
}
```

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(180, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 121, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.6598, 23.3780, 3.1600 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(180, 121, 0) }
```


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

```
.border{ border-color:rgb(180, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 121,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6598, 23.3780, 3.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 121, 0) }
```

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

```
.background{ background-color: rgb(180,  
121, 0) }
```

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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