

Converting Colors

XYZ(25.3603, 24.0723, 6.7998)

Have a look what the booklet for
XYZ(25.3603, 24.0723, 6.7998)
contains.

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Color

**XYZ(25.3603, 24.0723,
6.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7E36
RGB	173, 126, 54
RGB Percent	68%, 49%, 21%
CMY	0.3216, 0.5059, 0.7882
CMYK	0.00, 0.27, 0.69, 0.32
HSL	36°, 52%, 45%
HSV	36°, 69%, 68%
XYZ	25.3603, 24.0723, 6.7998
YIQ	131.8450, 51.1240, -12.4280

Conversions

Conversions Part 2

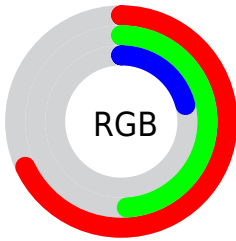
Format	Color
R _Y B	132, 173, 54
Decimal	11370038
CIE Lab	56.16, 10.86, 45.06
CIE LCh	56, 46.354, 76.456
Yxy	24.0723, 0.4510, 0.4281
Android (android.graphics.Color)	4289560118 (0xFFAD7E36)
YUV	131.8450, -38.3776, 36.0929
Hunter-Lab	49.0635, 6.4031, 26.1274

Details

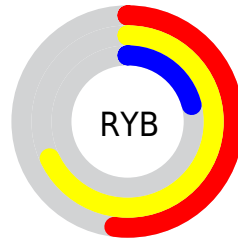
The XYZ color **25.3603, 24.0723, 6.7998** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.7176, 13.1082, 41.3421**, and the grayscale version is **21.9978, 23.1434, 25.2032**.

A 20% lighter version of the original color is **51.8975, 50.3955, 20.0887**, and **9.9900, 9.0897, 1.2280** is the 20% darker color. If you saturate the color by 10%, you get **24.1802, 22.2507, 4.7462**, and if you desaturate by 10%, it is **26.7458, 26.0735, 9.6352**.

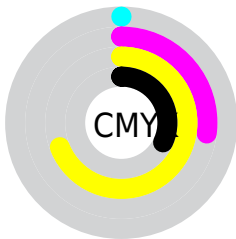
Distribution



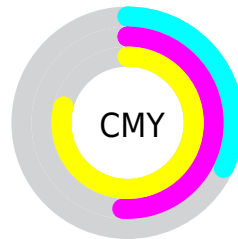
- Red (68%)
- Green (49%)
- Blue (21%)



- Red (52%)
- Yellow (68%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (69%)
- Black (32%)





- Cyan (32%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3603, 24.0723, 6.7998 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 25.3603, 24.0723, 6.7998 by changing the saturation by 10% instead.


 25.3603, 24.0723,
6.7998


 25.3603, 24.0723,
6.7998


271.9422,
273.1858, 175.5570


 16.4759, 15.3873,
3.2607


 51.6798, 50.1482,
20.0753


 9.9545, 9.0916,
1.2292


 69.8456, 68.3078,
30.6487


 5.4308, 4.8010,
0.0027

 91.8359, 90.3944,
44.4040

 2.5395, 2.1310,
0.0000

 118.0160,
116.7923, 61.7597

 0.9152, 0.6820,
0.0000

 148.7514,
147.8860, 83.1342

 0.0000, 0.0000,
0.0000

 184.4073,

184.0599, 108.9463

225.3491,
225.6984, 139.6144

■ 25.3603, 24.0723,
6.7998

■ 25.3603, 24.0723,
6.7998

■ 24.1802, 22.2507,
4.7462

■ 26.7458, 26.0735,
9.6352

■ 23.1863, 20.5962,
3.3877

■ 28.3498, 28.2584,
13.3240

■ 22.3485, 19.0958,
2.5683

■ 30.1862, 30.6354,
17.9312

■ 22.2523, 18.9219,
2.4795

■ 32.2672, 33.2111,
23.5149

■ 34.6037, 35.9915,
30.1286

■ 37.2063, 38.9825,
37.8218

■ 40.0845, 42.1897,
46.6406

■ 43.2477, 45.6182,
56.6286

■ 46.7045, 49.2731,
67.8271

Harmonies

Analogous

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



30.6756, 24.0723, 10.1938



25.3603, 24.0723, 6.7998



20.1028, 24.0723, 6.9577

Triad

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



25.3603, 24.0723, 6.7998



14.4049, 24.0723, 35.4163



31.1246, 24.0723, 52.0171

Complementary

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



25.3603, 24.0723, 6.7998



13.7176, 13.1082, 41.3421

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.



25.9018, 24.0723, 65.5423



25.3603, 24.0723, 6.7998



16.5315, 24.0723, 53.6972

Square

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



25.3603, 24.0723, 6.7998



14.3063, 24.0723, 19.9308



20.5669, 24.0723, 66.2547



34.3355, 24.0723, 33.6879

Rectangle

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



25.3603, 24.0723, 6.7998



17.3240, 24.0723, 9.0029



20.5669, 24.0723, 66.2547



29.5126, 24.0723, 57.5411

Sweetspot

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



25.3609, 24.0735, 6.8003



60.8487, 63.1381, 50.7191



20.9313, 12.4741, 13.7714



12.9793, 13.4315, 10.3268



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.



25.3609, 24.0735, 6.8003



42.2585, 38.1355, 6.9799



30.3275, 37.7408, 9.1765



8.3932, 8.7912, 8.4679



16.4046, 14.0148, 1.8405



0.5077, 0.4926, 0.0683

Inverse Universe

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



13.7176, 13.1082, 41.3421



20.0751, 17.3413, 73.0949



11.1022, 6.8105, 40.2643



7.8287, 8.2568, 10.1338



7.1268, 5.3874, 29.7088



0.2525, 0.2584, 0.8446

Previews

White Background



This preview shows how the XYZ color 25.3603, 24.0723, 6.7998 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 25.3603, 24.0723, 6.7998 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 25.3603, 24.0723, 6.7998

Background



This preview shows how black text looks on a background with the XYZ color 25.3603, 24.0723, 6.7998.



This preview shows how white text looks on a background with the XYZ color 25.3603, 24.0723,

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

25.3603, 24.0723, 6.7998

Protanopia

21.9802, 24.1074, 7.3656

Deuteranopia

24.5102, 24.0202, 6.7127



Tritanopia

28.6693, 23.9542, 23.1912

Trichromacy



Original Color

25.3603, 24.0723, 6.7998

Protanomaly

23.0656, 24.0572, 7.1692

Deuteranomaly

24.8095, 23.9818, 6.6895

Tritanomaly

27.0421, 23.8250, 15.2300

Monochromacy



Original Color

25.3603, 24.0723, 6.7998

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5139, 23.1678, 16.3819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3603, 24.0723, 6.7998 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, 126, 54)` looks like.

```
.text, #text, p{  
    color:rgb(173, 126, 54)  
}
```

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, 126, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 126, 54) }
```

Border

The CSS property to change the border of an element to XYZ 25.3603, 24.0723, 6.7998 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, 126, 54) }
```


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

```
.border{ border-color:rgb(173, 126, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 126, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 126, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 126, 54);  
box-shadow:4px 4px 4px 4px rgb(173, 126,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3603, 24.0723, 6.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 126, 54) }
```

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

```
.background{ background-color: rgb(173,  
126, 54) }
```

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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