

Converting Colors

XYZ(25.0730, 24.1291, 23.7580)

Have a look what the booklet for
XYZ(25.0730, 24.1291, 23.7580)
contains.

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Color

**XYZ(25.0730, 24.1291,
23.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8180
RGB	154, 129, 128
RGB Percent	60%, 51%, 50%
CMY	0.3961, 0.4941, 0.4980
CMYK	0.00, 0.16, 0.17, 0.40
HSL	2°, 11%, 55%
HSV	2°, 17%, 60%
XYZ	25.0730, 24.1291, 23.7580
YIQ	136.3610, 15.2210, 4.9890

Conversions

Conversions Part 2

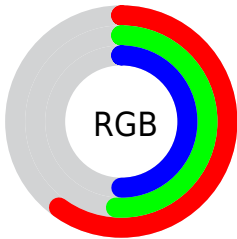
Format	Color
RYB	154, 129, 128
Decimal	10125696
CIELab	56.22, 9.39, 4.11
CIELCh	56, 10.250, 23.616
Yxy	24.1291, 0.3437, 0.3307
Android (android.graphics.Color)	4288315776 (0xFF9A8180)
YUV	136.3610, -4.1220, 15.4694
Hunter-Lab	49.1214, 5.1492, 5.7088

Details

The XYZ color **25.0730, 24.1291, 23.7580** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1259, 29.7041, 34.9286**, and the grayscale version is **23.5487, 24.7751, 26.9800**.

A 20% lighter version of the original color is **51.3629, 50.3474, 50.7270**, and **9.8735, 9.1854, 8.6497** is the 20% darker color. If you saturate the color by 10%, you get **22.3244, 20.1327, 18.2146**, and if you desaturate by 10%, it is **28.2594, 28.7544, 30.2069**.

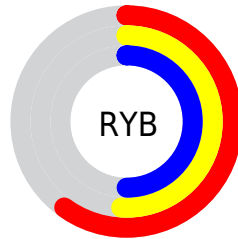
Distribution



Red (60%)

Green (51%)

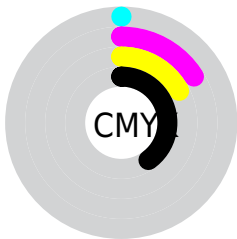
Blue (50%)



Red (60%)

Yellow (51%)

Blue (50%)

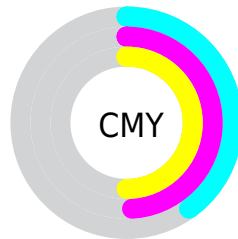


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (40%)



Cyan (40%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0730, 24.1291, 23.7580 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 25.0730, 24.1291, 23.7580 by changing the saturation by 10% instead.

■ 25.0730, 24.1291,
23.7580

■ 25.0730, 24.1291,
23.7580

270.5422,
273.4725, 284.8418

■ 16.2605, 15.4294,
14.9437

■ 51.2177, 50.2408,
50.5739

■ 9.8007, 9.1213,
8.6337

■ 69.2805, 68.4216,
69.4125

■ 5.3282, 4.8204,
4.4095

■ 91.1575, 90.5315,
92.4296

■ 2.4778, 2.1423,
1.8526

117.2140,
116.9550, 120.0438

■ 0.8841, 0.6882,
0.4623

147.8154,
148.0765, 152.6735

■ 0.0000, 0.0000,
0.0000

183.3270,

184.2803, 190.7374

224.1141,
225.9508, 234.6540

■ 25.0730, 24.1291,
23.7580

■ 25.0730, 24.1291,
23.7580

■ 22.3244, 20.1327,
18.2146

■ 28.2594, 28.7544,
30.2069

■ 19.9927, 16.7350,
13.5349

■ 31.8995, 34.0308,
37.5978

■ 18.0580, 13.9083,
9.6758

■ 36.0108, 39.9832,
45.9669

■ 16.4982, 11.6210,
6.5900

■ 40.6092, 46.6343,
55.3480

■ 15.2890, 9.8390,
4.2254

■ 45.7101, 54.0058,
65.7734

■ 14.4034, 8.5240,
2.5234

■ 51.3280, 62.1185,
77.2740

■ 13.8100, 7.6321,
1.4165

■ 57.4768, 70.9922,
89.8792

■ 13.4675, 7.1099,
0.8004

■ 64.1700, 80.6461,
103.6175

■ 13.3910, 6.9990,
0.6452

■ 67.1365, 85.6101,
107.5937

Harmonies

Analogous

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



25.2599, 24.1291, 27.0005



25.0730, 24.1291, 23.7580



24.3043, 24.1291, 21.3876

Triad

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



25.0730, 24.1291, 23.7580



21.1580, 24.1291, 22.6086



22.6830, 24.1291, 33.2624

Complementary

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



25.0730, 24.1291, 23.7580



26.1259, 29.7041, 34.9286

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.



21.6162, 24.1291, 31.8497



25.0730, 24.1291, 23.7580



20.7554, 24.1291, 25.5577

Square

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



25.0730, 24.1291, 23.7580



22.0383, 24.1291, 20.7648



20.9202, 24.1291, 28.9584



23.8536, 24.1291, 32.6770

Rectangle

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



25.0730, 24.1291, 23.7580



23.5790, 24.1291, 20.5264



20.9202, 24.1291, 28.9584



22.3009, 24.1291, 33.0018

Sweetspot

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



25.0737, 24.1302, 23.7585



52.4524, 53.8548, 57.1388



26.8067, 24.6130, 33.5329



11.7788, 12.0540, 12.7432



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.0737, 24.1302, 23.7585



43.7022, 41.1518, 39.4320



26.8762, 27.7352, 24.3593



6.2270, 6.2590, 6.4858



10.9161, 5.7146, 0.5277



0.1677, 0.0944, 0.0094

Inverse Universe

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



26.1259, 29.7041, 34.9286



45.9560, 53.0923, 63.3620



24.1327, 25.7178, 34.2642



6.3642, 6.9857, 7.9419



13.3937, 19.1841, 27.9047



0.2057, 0.2977, 0.4190

Previews

White Background



This preview shows how the XYZ color 25.0730, 24.1291, 23.7580 looks on a white background.

Color Contrast Check

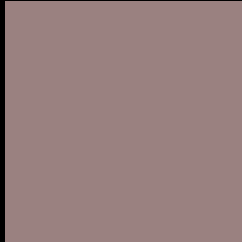
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0730, 24.1291, 23.7580 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 25.0730, 24.1291, 23.7580

Background



This preview shows how black text looks on a background with the XYZ color 25.0730, 24.1291, 23.7580.



This preview shows how white text looks on a background with the XYZ color 25.0730, 24.1291,

23.7580.

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

25.0730, 24.1291, 23.7580

Protanopia

23.1031, 24.0922, 24.9053

Deuteranopia

24.6414, 24.1031, 23.7757



Tritanopia

25.7521, 24.2130, 26.9832

Trichromacy



Original Color

25.0730, 24.1291, 23.7580

Protanomaly

23.7821, 24.0435, 24.5065

Deuteranomaly

24.8278, 24.1992, 23.7844

Tritanomaly

25.5398, 24.1281, 25.8654

Monochromacy



Original Color

25.0730, 24.1291, 23.7580

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9489, 24.3082, 25.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0730, 24.1291, 23.7580 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(154, 129, 128) looks like.

```
.text, #text, p{  
    color:rgb(154, 129, 128)  
}
```

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(154, 129, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 129, 128) }
```

Border

The CSS property to change the border of an element to XYZ 25.0730, 24.1291, 23.7580 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(154, 129, 128) }
```


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

```
.border{ border-color:rgb(154, 129, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 129, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 129, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 129, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 129,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0730, 24.1291, 23.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 129, 128) }
```

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

```
.background{ background-color: rgb(154,  
129, 128) }
```

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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