

Converting Colors

XYZ(25.1692, 23.9680, 30.3839)

Have a look what the booklet for
XYZ(25.1692, 23.9680, 30.3839)
contains.

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Color

**XYZ(25.2513, 24.0717,
30.5096)**

Conversions

Conversions Part 1

Format	Color
Hex	948192
RGB	148, 129, 146
RGB Percent	58%, 51%, 57%
CMY	0.4196, 0.4941, 0.4274
CMYK	0.00, 0.13, 0.01, 0.42
HSL	306°, 8%, 54%
HSV	306°, 13%, 58%
XYZ	25.2513, 24.0717, 30.5096
YIQ	136.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

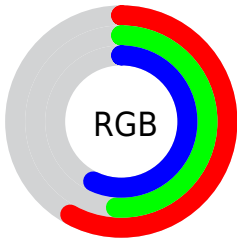
Format	Color
R _{YB}	148, 129, 146
Decimal	9732498
CIE Lab	56.16, 10.40, -6.46
CIE LCh	56, 12.241, 328.138
Yxy	24.0717, 0.3163, 0.3015
Android (android.graphics.Color)	4287922578 (0xFF948192)
YUV	136.6190, 4.6248, 9.9811
Hunter-Lab	49.0629, 6.0088, -2.5252

Details

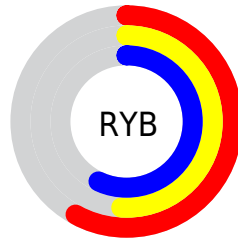
The XYZ color **25.2513, 24.0717, 30.5096** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7408, 27.4863, 25.5280**, and the grayscale version is **23.6163, 24.8462, 27.0575**.

A 20% lighter version of the original color is **51.5104, 50.1826, 61.6149**, and **9.9097, 9.1232, 12.3050** is the 20% darker color. If you saturate the color by 10%, you get **23.3212, 20.4037, 29.2726**, and if you desaturate by 10%, it is **27.4669, 28.3072, 31.8505**.

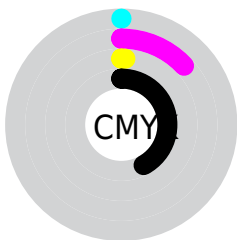
Distribution



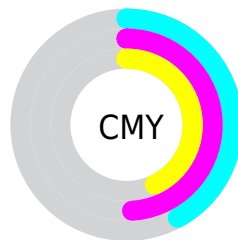
- Red (58%)
- Green (51%)
- Blue (57%)



- Red (58%)
- Yellow (51%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2513, 24.0717, 30.5096 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 25.2513, 24.0717, 30.5096 by changing the saturation by 10% instead.

■ 25.2513, 24.0717,
30.5096

■ 25.2513, 24.0717,
30.5096

271.4117,
273.1828, 318.5536

■ 16.3941, 15.3868,
19.9704

■ 51.5046, 50.1472,
61.5377

■ 9.8961, 9.0913,
12.1897

■ 69.6314, 68.3066,
82.8636

■ 5.3918, 4.8008,
6.7489

■ 91.5787, 90.3929,
108.6221

■ 2.5161, 2.1309,
3.2295

117.7120,
116.7906, 139.2319

■ 0.9034, 0.6819,
1.2130

148.3966,
147.8840, 175.1114

■ 0.0000, 0.0000,
0.0000

183.9979,

184.0576, 216.6791

224.8811,
225.6957, 264.3537

■ 25.2513, 24.0717,
30.5096

■ 25.2513, 24.0717,
30.5096

■ 23.3212, 20.4037,
29.2726

■ 27.4669, 28.3072,
31.8505

■ 21.6623, 17.2759,
28.1337

■ 29.9772, 33.1298,
33.2976

■ 20.2623, 14.6635,
27.0894

■ 32.7936, 38.5620,
34.8549

■ 19.1074, 12.5383,
26.1347

■ 35.9263, 44.6242,
36.5259

■ 18.1820, 10.8697,
25.2645

■ 39.3851, 51.3358,
38.3138

■ 17.4690, 9.6235,
24.4732

■ 43.1793, 58.7155,
40.2219

■ 16.9490, 8.7605,
23.7542

■ 47.3178, 66.7810,
42.2531

■ 16.5989, 8.2346,
23.0997

■ 51.8091, 75.5497,
44.4102

■ 16.4066, 7.9735,
22.6552

■ 54.3202, 80.3549,
45.9157

Harmonies

Analogous

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



24.1772, 24.0717, 33.6411



25.2513, 24.0717, 30.5096



25.6869, 24.0717, 26.4621

Triad

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



25.2513, 24.0717, 30.5096



22.9673, 24.0717, 19.2131



20.5791, 24.0717, 30.0304

Complementary

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



25.2513, 24.0717, 30.5096



23.7408, 27.4863, 25.5280

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.



20.2843, 24.0717, 25.9595



25.2513, 24.0717, 30.5096



21.6290, 24.0717, 19.9627

Square

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



25.2513, 24.0717, 30.5096



24.3352, 24.0717, 20.1730



20.6609, 24.0717, 22.3346



21.4829, 24.0717, 33.3452

Rectangle

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



25.2513, 24.0717, 30.5096



25.5437, 24.0717, 23.8745



20.6609, 24.0717, 22.3346



20.4071, 24.0717, 28.6930

Sweetspot

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



25.2520, 24.0727, 30.5101



47.9493, 48.9610, 55.8936



22.5411, 22.6571, 31.2026



10.8804, 11.0515, 12.7204



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.2520, 24.0727, 30.5101



43.6703, 40.7889, 53.2784



24.5505, 23.7921, 26.8160



6.0093, 5.8988, 7.1550



14.0196, 6.8129, 19.3819



0.1777, 0.0858, 0.2693

Inverse Universe

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



25.2520, 24.0727, 30.5101



43.6703, 40.7889, 53.2784



24.4072, 27.7528, 29.0371



6.0093, 5.8988, 7.1550



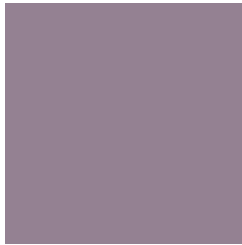
14.0196, 6.8129, 19.3819



0.1777, 0.0858, 0.2693

Previews

White Background



This preview shows how the XYZ color 25.2513, 24.0717, 30.5096 looks on a white background.

Color Contrast Check

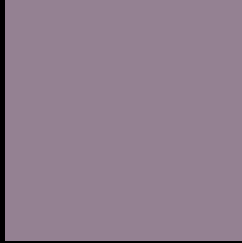
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2513, 24.0717, 30.5096 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 25.2513, 24.0717, 30.5096

Background



This preview shows how black text looks on a background with the XYZ color 25.2513, 24.0717, 30.5096.



This preview shows how white text looks on a background with the XYZ color 25.2513, 24.0717,

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

25.2513, 24.0717, 30.5096

Protanopia

23.6228, 24.2067, 31.8611

Deuteranopia

24.6323, 24.1476, 30.5568



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

25.2513, 24.0717, 30.5096

Protanomaly

24.0778, 24.0439, 31.3889

Deuteranomaly

24.8480, 24.0603, 30.5286

Tritanomaly

24.8977, 24.1213, 28.9348

Monochromacy



Original Color

25.2513, 24.0717, 30.5096

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2432, 24.6064, 28.2827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2513, 24.0717, 30.5096 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(148, 129, 146)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 146)  
}
```

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(148, 129, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.2513, 24.0717, 30.5096 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(148, 129, 146) }
```


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

```
.border{ border-color:rgb(148, 129, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2513, 24.0717, 30.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 146) }
```

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

```
.background{ background-color: rgb(148,  
129, 146) }
```

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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