

Converting Colors

XYZ(25.4782, 24.3116, 30.8864)

Have a look what the booklet for
XYZ(25.4782, 24.3116, 30.8864)
contains.

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Color

**XYZ(25.4618, 24.3677,
30.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	948293
RGB	148, 130, 147
RGB Percent	58%, 51%, 58%
CMY	0.4196, 0.4902, 0.4235
CMYK	0.00, 0.12, 0.01, 0.42
HSL	303°, 8%, 55%
HSV	303°, 12%, 58%
XYZ	25.4618, 24.3677, 30.9652
YIQ	137.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

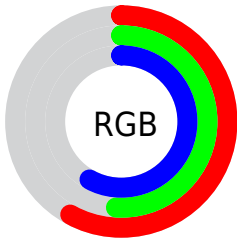
Format	Color
R_{YB}	148, 130, 147
Decimal	9732755
CIE _{Lab}	56.45, 10.02, -6.60
CIE _{LCh}	56, 11.998, 326.614
Yxy	24.3677, 0.3151, 0.3016
Android (android.graphics.Color)	4287922835 (0xFF948293)
YUV	137.3200, 4.7722, 9.3664
Hunter-Lab	49.3637, 5.6840, -2.6373

Details

The XYZ color **25.4618, 24.3677, 30.9652** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8935, 27.5650, 25.5352**, and the grayscale version is **23.8806, 25.1242, 27.3603**.

A 20% lighter version of the original color is **51.8332, 50.6406, 62.3010**, and **9.9835, 9.2708, 12.3296** is the 20% darker color. If you saturate the color by 10%, you get **23.5691, 20.6847, 30.0173**, and if you desaturate by 10%, it is **27.6396, 28.6193, 32.0110**.

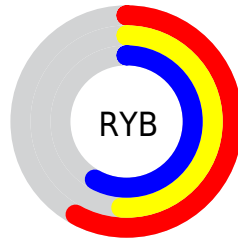
Distribution



Red (58%)

Green (51%)

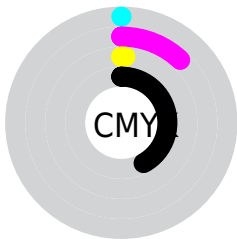
Blue (58%)



Red (58%)

Yellow (51%)

Blue (58%)

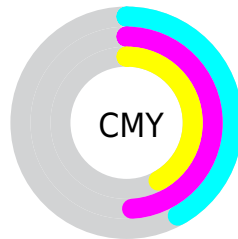


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4618, 24.3677, 30.9652 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 25.4618, 24.3677, 30.9652 by changing the saturation by 10% instead.

■ 25.4618, 24.3677,
30.9652

■ 25.4618, 24.3677,
30.9652

272.4354,
274.6742, 320.7242

■ 16.5520, 15.6066,
20.3141

■ 51.8429, 50.6296,
62.2642

■ 10.0089, 9.2462,
12.4372

■ 70.0450, 68.8991,
83.7492

■ 5.4672, 4.9021,
6.9160

■ 92.0752, 91.1070,
109.6826

■ 2.5614, 2.1899,
3.3320

118.2988,
117.6375, 140.4829

■ 0.9263, 0.7145,
1.2666

149.0813,
148.8751, 176.5687

■ 0.0000, 0.0000,
0.0341

184.7880,

■ 0.0000, 0.0000,

185.2041, 218.3585

0.0000

225.7843,
227.0091, 266.2708

■ 25.4618, 24.3677,
30.9652

■ 25.4618, 24.3677,
30.9652

■ 23.5691, 20.6847,
30.0173

■ 27.6396, 28.6193,
32.0110

■ 21.9472, 17.5432,
29.1617

■ 30.1117, 33.4590,
33.1568

■ 20.5840, 14.9183,
28.3945

■ 32.8893, 38.9092,
34.4069

■ 19.4656, 12.7822,
27.7112

■ 35.9828, 44.9903,
35.7644

■ 18.5767, 11.1044,
27.1067

■ 39.4018, 51.7216,
37.2328

■ 17.9004, 9.8509,
26.5753

■ 43.1555, 59.1216,
38.8151

■ 17.4172, 8.9831,
26.1105

■ 47.2529, 67.2083,
40.5142

■ 17.1044, 8.4553,
25.7048

■ 51.7025, 75.9987,
42.3330

■ 16.9301, 8.1829,
25.4119

■ 53.8392, 80.1625,
43.3832

Harmonies

Analogous

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



24.3772, 24.3677, 33.9706



25.4618, 24.3677, 30.9652



25.9289, 24.3677, 26.9864

Triad

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



25.4618, 24.3677, 30.9652



23.3188, 24.3677, 19.6093



20.8553, 24.3677, 30.1063

Complementary

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



25.4618, 24.3677, 30.9652



23.8935, 27.5650, 25.5352

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.



20.5970, 24.3677, 26.0833



25.4618, 24.3677, 30.9652



21.9855, 24.3677, 20.2677

Square

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



25.4618, 24.3677, 30.9652



24.6609, 24.3677, 20.6474



21.0027, 24.3677, 22.5440



21.7227, 24.3677, 33.4409

Rectangle

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



25.4618, 24.3677, 30.9652



25.8139, 24.3677, 24.4061



21.0027, 24.3677, 22.5440



20.6959, 24.3677, 28.7785

Sweetspot

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



25.4625, 24.3688, 30.9657



47.9910, 48.9777, 56.1135



22.6735, 22.9219, 31.2467



10.8915, 11.0559, 12.7792



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.



25.4625, 24.3688, 30.9657



43.8251, 40.8508, 54.0934



24.7908, 24.1001, 27.4288



6.0215, 5.9037, 7.2196



14.4642, 6.9907, 21.7231



0.1805, 0.0869, 0.2839

Inverse Universe

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



25.4625, 24.3688, 30.9657



43.8251, 40.8508, 54.0934



24.5229, 27.8168, 28.8498



6.0215, 5.9037, 7.2196



14.4642, 6.9907, 21.7231



0.1805, 0.0869, 0.2839

Previews

White Background



This preview shows how the XYZ color 25.4618, 24.3677, 30.9652 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 25.4618, 24.3677, 30.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

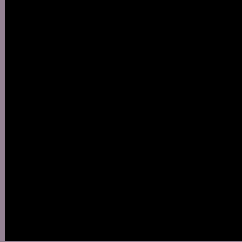
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4618, 24.3677, 30.9652

Background



This preview shows how black text looks on a background with the XYZ color 25.4618, 24.3677, 30.9652.



This preview shows how white text looks on a background with the XYZ color 25.4618, 24.3677,

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

25.4618, 24.3677, 30.9652

Protanopia

24.0005, 24.5983, 32.3371

Deuteranopia

24.8454, 24.4488, 31.0133



Tritanopia

24.9566, 24.3587, 28.5857

Trichromacy



Original Color

25.4618, 24.3677, 30.9652

Protanomaly

24.4598, 24.4340, 31.8608

Deuteranomaly

25.0598, 24.3589, 30.9847

Tritanomaly

25.1068, 24.4188, 29.3766

Monochromacy



Original Color

25.4618, 24.3677, 30.9652

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3173, 24.6360, 28.6729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4618, 24.3677, 30.9652 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, 130, 147)` looks like.

```
.text, #text, p{  
    color:rgb(148, 130, 147)  
}
```

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, 130, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 130, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.4618, 24.3677, 30.9652 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, 130, 147) }
```


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

```
.border{ border-color:rgb(148, 130, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 130, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 130, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 130, 147);  
box-shadow:4px 4px 4px 4px rgb(148, 130,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4618, 24.3677, 30.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 130, 147) }
```

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

```
.background{ background-color: rgb(148,  
130, 147) }
```

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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