

Converting Colors

XYZ(24.9616, 24.6091, 30.0354)

Have a look what the booklet for
XYZ(24.9616, 24.6091, 30.0354)
contains.

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Color

**XYZ(24.8637, 24.4762,
30.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	908491
RGB	144, 132, 145
RGB Percent	56%, 52%, 57%
CMY	0.4353, 0.4823, 0.4314
CMYK	0.01, 0.09, 0.00, 0.43
HSL	295°, 6%, 54%
HSV	295°, 9%, 57%
XYZ	24.8637, 24.4762, 30.2020
YIQ	137.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

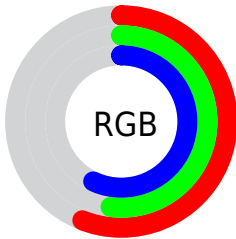
Format	Color
R_{YB}	144, 132, 145
Decimal	9471121
CIE Lab	56.56, 7.01, -5.33
CIE LCh	57, 8.805, 322.771
Yxy	24.4762, 0.3126, 0.3077
Android (android.graphics.Color)	4287661201 (0xFF908491)
YUV	137.0700, 3.9095, 6.0776
Hunter-Lab	49.4734, 3.1297, -1.5633

Details

The XYZ color **24.8637, 24.4762, 30.2020** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9641, 26.9040, 25.7611**, and the grayscale version is **23.7898, 25.0288, 27.2563**.

A 20% lighter version of the original color is **50.9465, 50.8272, 61.1583**, and **9.7749, 9.3924, 12.1242** is the 20% darker color. If you saturate the color by 10%, you get **22.8388, 20.7140, 29.5829**, and if you desaturate by 10%, it is **27.1652, 28.7881, 30.9133**.

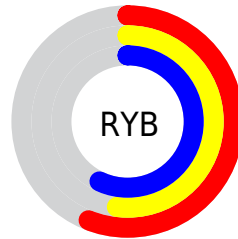
Distribution



Red (56%)

Green (52%)

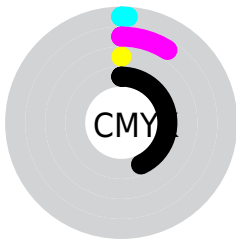
Blue (57%)



Red (56%)

Yellow (52%)

Blue (57%)

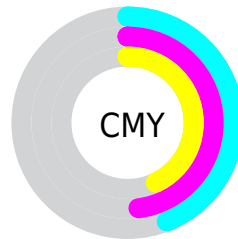


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (43%)



Cyan (44%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8637, 24.4762, 30.2020 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 24.8637, 24.4762, 30.2020 by changing the saturation by 10% instead.

■ 24.8637, 24.4762,
30.2020

■ 24.8637, 24.4762,
30.2020

269.5187,
275.2192, 317.0815

■ 16.1037, 15.6872,
19.7386

■ 50.8805, 50.8062,
61.0463

■ 9.6889, 9.3031,
12.0230

■ 68.8680, 69.1160,
82.2642

■ 5.2539, 4.9394,
6.6366

■ 90.6622, 91.3682,
107.9041

■ 2.4332, 2.2118,
3.1609

116.6282,
117.9472, 138.3845

■ 0.8617, 0.7264,
1.1774

147.1315,
149.2375, 174.1238

■ 0.0000, 0.0000,
0.0000

182.5374,

185.6233, 215.5408

223.2114,
227.4891, 263.0538

■ 24.8637, 24.4762,
30.2020

■ 24.8637, 24.4762,
30.2020

■ 22.8388, 20.7140,
29.5829

■ 27.1652, 28.7881,
30.9133

■ 21.0773, 17.4759,
29.0507

■ 29.7519, 33.6678,
31.7189

■ 19.5678, 14.7391,
28.6020

■ 32.6343, 39.1361,
32.6225

■ 18.2974, 12.4777,
28.2325

■ 35.8221, 45.2123,
33.6273

■ 17.2521, 10.6636,
27.9374

■ 39.3243, 51.9144,
34.7363

■ 16.4162, 9.2657,
27.7117

■ 43.1496, 59.2598,
35.9525

■ 15.7723, 8.2488,
27.5493

■ 47.3064, 67.2653,
37.2786

■ 15.2999, 7.5721,
27.4436

■ 51.8028, 75.9471,
38.7174

■ 14.9522, 7.1419,
27.3789

■ 54.2055, 80.4386,
39.4577

Harmonies

Analogous

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



24.0327, 24.4762, 32.1831



24.8637, 24.4762, 30.2020



25.2681, 24.4762, 27.3649

Triad

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



24.8637, 24.4762, 30.2020



23.5120, 24.4762, 21.4486



21.4988, 24.4762, 28.8883

Complementary

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



24.8637, 24.4762, 30.2020



23.9641, 26.9040, 25.7611

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.



21.3686, 24.4762, 25.9485



24.8637, 24.4762, 30.2020



22.5117, 24.4762, 21.7912

Square

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



24.8637, 24.4762, 30.2020



24.4730, 24.4762, 22.4163



21.7342, 24.4762, 23.3888



22.0953, 24.4762, 31.3867

Rectangle

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



24.8637, 24.4762, 30.2020



25.2333, 24.4762, 25.4258



21.7342, 24.4762, 23.3888



21.3998, 24.4762, 27.9138

Sweetspot

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



24.8644, 24.4773, 30.2025



46.8985, 48.2691, 54.8186



23.0266, 23.7490, 30.1588



10.3633, 10.6072, 12.1734



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.8644, 24.4773, 30.2025



43.6635, 42.2231, 53.8221



24.6321, 24.4046, 28.0633



5.5859, 5.4902, 6.7941



12.8048, 6.0947, 23.4786



0.1303, 0.0623, 0.2248

Inverse Universe

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



24.1629, 24.2169, 25.5925



42.1163, 41.6496, 43.6220



24.1873, 26.9751, 27.7568



5.4247, 5.4304, 5.7344



10.0728, 5.1861, 0.7688



0.0990, 0.0507, 0.0215

Previews

White Background



This preview shows how the XYZ color 24.8637, 24.4762, 30.2020 looks on a white background.

Color Contrast Check

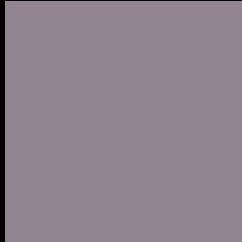
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8637, 24.4762, 30.2020 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

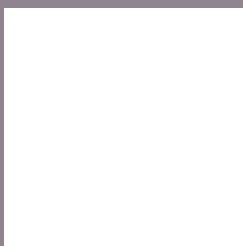
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8637, 24.4762, 30.2020

Background



This preview shows how black text looks on a background with the XYZ color 24.8637, 24.4762, 30.2020.

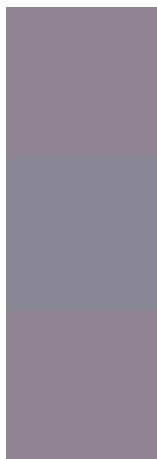


This preview shows how white text looks on a background with the XYZ color 24.8637, 24.4762,

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

24.8637, 24.4762, 30.2020

Protanopia

23.9221, 24.5854, 31.0884

Deuteranopia

25.0392, 24.5666, 30.2102



Tritanopia

24.7108, 24.4150, 29.3968

Trichromacy



Original Color

24.8637, 24.4762, 30.2020

Protanomaly

24.1946, 24.5288, 30.6535

Deuteranomaly

25.0392, 24.5666, 30.2102

Tritanomaly

24.7869, 24.4454, 29.7976

Monochromacy



Original Color

24.8637, 24.4762, 30.2020

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2128, 24.7968, 28.3211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8637, 24.4762, 30.2020 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(144, 132, 145)` looks like.

```
.text, #text, p{  
    color:rgb(144, 132, 145)  
}
```

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(144, 132, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 132, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.8637, 24.4762, 30.2020 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(144, 132, 145) }
```


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

```
.border{ border-color:rgb(144, 132, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 132, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 132, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 132, 145);  
box-shadow:4px 4px 4px 4px rgb(144, 132,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8637, 24.4762, 30.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 132, 145) }
```

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

```
.background{ background-color: rgb(144,  
132, 145) }
```

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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