

Converting Colors

XYZ(25.2500, 24.8778, 30.3750)

Have a look what the booklet for
XYZ(25.2500, 24.8778, 30.3750)
contains.

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Color

**XYZ(25.1754, 24.8391,
30.2556)**

Conversions

Conversions Part 1	
Format	Color
Hex	918591
RGB	145, 133, 145
RGB Percent	57%, 52%, 57%
CMY	0.4314, 0.4784, 0.4314
CMYK	0.00, 0.08, 0.00, 0.43
HSL	300°, 5%, 55%
HSV	300°, 8%, 57%
XYZ	25.1754, 24.8391, 30.2556
YIQ	137.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

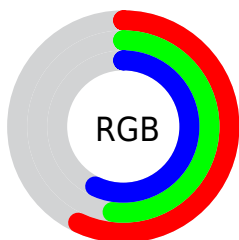
Format	Color
RYB	145, 133, 145
Decimal	9536913
CIELab	56.92, 6.80, -4.79
CIELCh	57, 8.320, 324.857
Yxy	24.8391, 0.3136, 0.3094
Android (android.graphics.Color)	4287726993 (0xFF918591)
YUV	137.9560, 3.4727, 6.1776
Hunter-Lab	49.8388, 2.9488, -1.1059

Details

The XYZ color **25.1754, 24.8391, 30.2556** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0328, 26.9315, 26.1232**, and the grayscale version is **24.1276, 25.3841, 27.6433**.

A 20% lighter version of the original color is **51.4209, 51.3834, 61.2407**, and **9.9552, 9.5998, 12.1547** is the 20% darker color. If you saturate the color by 10%, you get **23.3260, 21.1399, 29.6394**, and if you desaturate by 10%, it is **27.3003, 29.0886, 30.9642**.

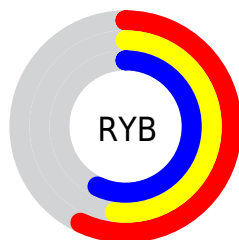
Distribution



Red (57%)

Green (52%)

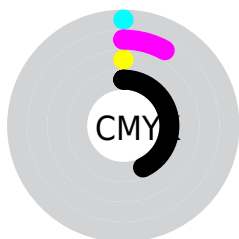
Blue (57%)



Red (57%)

Yellow (52%)

Blue (57%)

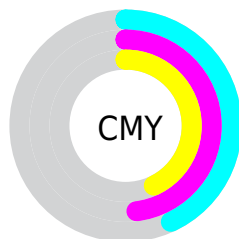


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (48%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1754, 24.8391, 30.2556 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 25.1754, 24.8391, 30.2556 by changing the saturation by 10% instead.


 25.1754, 24.8391,
30.2556


 25.1754, 24.8391,
30.2556


271.0419,
277.0357, 317.3384


 16.3372, 15.9572,
19.7790


 51.3825, 51.3961,
61.1319

 9.8554, 9.4939,
12.0520


 69.4821, 69.8400,
82.3687

 5.3647, 5.0647,
6.6561


 91.3995, 92.2400,
108.0293

 2.4998, 2.2853,
3.1728

117.5002,
118.9805, 138.5323

 0.8951, 0.7659,
1.1835


148.1494,
150.4459, 174.2961


 0.0000, 0.0000,
0.0000


183.7125,


187.0207, 215.7394


224.5549,
229.0891, 263.2806


 25.1754, 24.8391,
30.2556


 25.1754, 24.8391,
30.2556


 23.3260, 21.1399,
29.6394


 27.3003, 29.0886,
30.9642


 21.7388, 17.9655,
29.1103


 29.7091, 33.9061,
31.7672


 20.4025, 15.2930,
28.6648

 32.4124, 39.3128,
32.6683

 19.3044, 13.0967,
28.2988

 35.4198, 45.3274,
33.6708

 18.4304, 11.3488,
28.0074

 38.7402, 51.9683,
34.7777

■ 17.7652, 10.0184,
27.7856

■ 42.3824, 59.2527,
35.9918

■ 17.2913, 9.0706,
27.6276

■ 46.3547, 67.1973,
37.3159

■ 16.9886, 8.4651,
27.5267

■ 50.6652, 75.8181,
38.7528

■ 16.8152, 8.1185,
27.4689

■ 52.5482, 79.5842,
39.3805

Harmonies

Analogous

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



24.4058, 24.8391, 32.2161



25.1754, 24.8391, 30.2556



25.5258, 24.8391, 27.5297

Triad

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



25.1754, 24.8391, 30.2556



23.7773, 24.8391, 22.0423



21.9481, 24.8391, 29.3661

Complementary

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



25.1754, 24.8391, 30.2556



24.0328, 26.9315, 26.1232

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.



21.7903, 24.8391, 26.5671



25.1754, 24.8391, 30.2556



22.8294, 24.8391, 22.4601

Square

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



25.1754, 24.8391, 30.2556



24.7046, 24.8391, 22.8881



22.1086, 24.8391, 24.0710



22.5460, 24.8391, 31.6783

Rectangle

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



25.1754, 24.8391, 30.2556



25.4678, 24.8391, 25.6919



22.1086, 24.8391, 24.0710



21.8426, 24.8391, 28.4459

Sweetspot

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



25.1761, 24.8402, 30.2561



47.3982, 49.1086, 54.9543



23.1723, 23.8072, 30.1624



10.5556, 10.9474, 12.2289



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.



25.1761, 24.8402, 30.2561



44.4075, 43.1273, 53.9574



24.7256, 24.6600, 27.8836



5.6263, 5.5110, 6.7960



14.3995, 6.9168, 23.5529



0.1377, 0.0661, 0.2252

Inverse Universe

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



25.1761, 24.8402, 30.2561



44.4075, 43.1273, 53.9574



24.4593, 27.1021, 28.3690



5.6263, 5.5110, 6.7960



14.3995, 6.9168, 23.5529



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 25.1754, 24.8391, 30.2556 looks on a white background.

Color Contrast Check

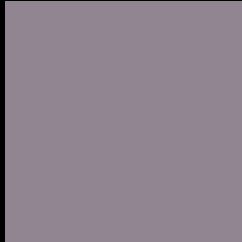
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1754, 24.8391, 30.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

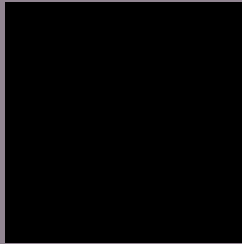
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1754, 24.8391, 30.2556

Background



This preview shows how black text looks on a background with the XYZ color 25.1754, 24.8391, 30.2556.

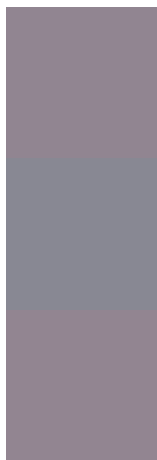


This preview shows how white text looks on a background with the XYZ color 25.1754, 24.8391,

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

25.1754, 24.8391, 30.2556

Protanopia

24.2240, 24.9491, 31.1427

Deuteranopia

25.3524, 24.9304, 30.2639



Tritanopia

25.0986, 24.8084, 29.8512

Trichromacy



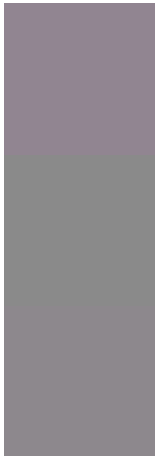
Original Color
25.1754, 24.8391, 30.2556

Protanomaly
24.4997, 24.8922, 30.7075

Deuteranomaly
25.3524, 24.9304, 30.2639

Tritanomaly
25.0986, 24.8084, 29.8512

Monochromacy



Original Color
25.1754, 24.8391, 30.2556

Achromatopsia
24.1572, 25.4152, 27.6772

Achromatomaly
24.5964, 25.1941, 28.7659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1754, 24.8391, 30.2556 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(145, 133, 145) looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 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(145, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.1754, 24.8391, 30.2556 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(145, 133, 145) }
```


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

```
.border{ border-color:rgb(145, 133, 145) }
```

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

Here you see how a box with a 4 pixel rgb(145, 133, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 133,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1754, 24.8391, 30.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 145) }
```

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

```
.background{ background-color: rgb(145,  
133, 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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