

Converting Colors

XYZ(24.1302, 25.7001, 25.0510)

Have a look what the booklet for
XYZ(24.1302, 25.7001, 25.0510)
contains.

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Color

**XYZ(24.1446, 25.6794,
25.1568)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8B83
RGB	140, 139, 131
RGB Percent	55%, 55%, 51%
CMY	0.4510, 0.4549, 0.4863
CMYK	0.00, 0.01, 0.06, 0.45
HSL	53°, 4%, 53%
HSV	53°, 6%, 55%
XYZ	24.1446, 25.6794, 25.1568
YIQ	138.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

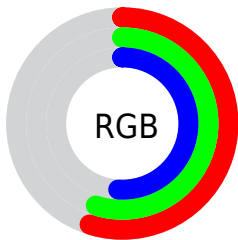
Format	Color
R_YB	132, 140, 131
Decimal	9210755
CIE Lab	57.73, -1.15, 4.40
CIE LCh	58, 4.546, 104.590
Yxy	25.6794, 0.3220, 0.3425
Android (android.graphics.Color)	4287400835 (0xFF8C8B83)
YUV	138.3870, -3.6418, 1.4146
Hunter-Lab	50.6748, -3.6326, 6.0387

Details

The XYZ color **24.1446, 25.6794, 25.1568** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3450, 23.2210, 28.1157**, and the grayscale version is **24.3186, 25.5851, 27.8621**.

A 20% lighter version of the original color is **49.7495, 52.6293, 52.8838**, and **9.3118, 9.9276, 9.4081** is the 20% darker color. If you saturate the color by 10%, you get **23.0364, 24.8800, 20.4181**, and if you desaturate by 10%, it is **25.3857, 26.5387, 30.5730**.

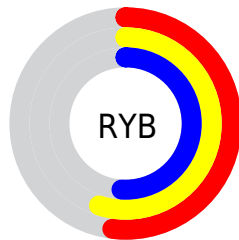
Distribution



Red (55%)

Green (55%)

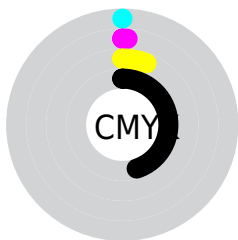
Blue (51%)



Red (52%)

Yellow (55%)

Blue (51%)

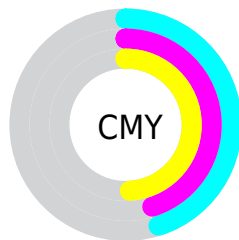


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1446, 25.6794, 25.1568 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 24.1446, 25.6794, 25.1568 by changing the saturation by 10% instead.

■ 24.1446, 25.6794,
25.1568

■ 24.1446, 25.6794,
25.1568

265.9776,
281.2047, 292.0905

■ 15.5662, 16.5840,
15.9738

■ 49.7190, 52.7573,
52.8788

■ 9.3066, 9.9383,
9.3515

■ 67.4458, 71.5085,
72.2548

■ 5.0004, 5.3581,
4.8712

■ 88.9527, 94.2471,
95.8657

■ 2.2823, 2.4589,
2.1145

114.6052,
121.3575, 124.1298

■ 0.7856, 0.8559,
0.6244

144.7686,
153.2241, 157.4659

■ 0.0000, 0.0000,
0.0000

179.8082,

190.2312, 196.2923

220.0895,
232.7633, 241.0277

■ 24.1446, 25.6794,
25.1568

■ 24.1446, 25.6794,
25.1568

■ 23.0364, 24.8800,
20.4181

■ 25.3857, 26.5387,
30.5730

■ 22.0538, 24.1351,
16.3284

■ 26.7623, 27.4565,
36.6906

■ 21.1920, 23.4437,
12.8595

■ 28.2799, 28.4358,
43.5340

■ 20.4452, 22.8032,
9.9806

■ 29.9426, 29.4783,
51.1263

■ 19.8071, 22.2113,
7.6582

■ 31.7548, 30.5858,
59.4893

■ 19.2705, 21.6649,
5.8555

■ 33.7203, 31.7599,
68.6441

■ 18.8277, 21.1611,
4.5310

■ 35.8431, 33.0021,
78.6109

■ 18.4697, 20.6960,
3.6374

■ 38.1269, 34.3139,
89.4092

■ 18.1815, 20.2639,
3.0966

■ 40.2512, 35.5672,
99.3514

Harmonies

Analogous

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



24.6869, 25.6794, 25.1672



24.1446, 25.6794, 25.1568



23.6795, 25.6794, 25.8782

Triad

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



24.1446, 25.6794, 25.1568



23.6692, 25.6794, 30.1197



25.4313, 25.6794, 28.7652

Complementary

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



24.1446, 25.6794, 25.1568



22.3450, 23.2210, 28.1157

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.



25.1502, 25.6794, 30.1516



24.1446, 25.6794, 25.1568



24.1302, 25.6794, 30.9533

Square

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



24.1446, 25.6794, 25.1568



23.4078, 25.6794, 28.7230



24.6723, 25.6794, 30.9651



25.4352, 25.6794, 27.2116

Rectangle

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



24.1446, 25.6794, 25.1568



23.4736, 25.6794, 26.6930



24.6723, 25.6794, 30.9651



25.3659, 25.6794, 29.2675

Sweetspot

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



24.1453, 25.6805, 25.1574



43.4990, 45.9263, 48.3915



23.1002, 23.4758, 25.1619



10.0299, 10.5872, 11.1797



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.1453, 25.6805, 25.1574



42.2122, 45.0226, 42.8146



23.7181, 25.6756, 25.1789



5.3845, 5.7519, 5.3788



16.0771, 17.8886, 2.6055



0.1131, 0.1314, 0.0194

Inverse Universe

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



22.3450, 23.2210, 28.1157



38.2247, 39.5750, 49.3671



22.7537, 23.2318, 28.0962



4.8164, 4.9758, 6.3124



4.3726, 2.0155, 22.2043



0.0341, 0.0234, 0.1492

Previews

White Background



This preview shows how the XYZ color 24.1446, 25.6794, 25.1568 looks on a white background.

Color Contrast Check

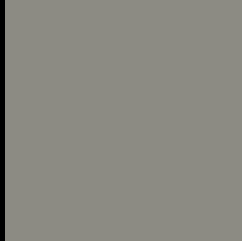
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1446, 25.6794, 25.1568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

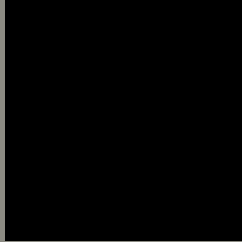
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1446, 25.6794, 25.1568

Background



This preview shows how black text looks on a background with the XYZ color 24.1446, 25.6794, 25.1568.



This preview shows how white text looks on a background with the XYZ color 24.1446, 25.6794,

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

24.1446, 25.6794, 25.1568

Protanopia

24.4454, 25.6283, 24.7774

Deuteranopia

26.0164, 25.5862, 25.3972



Tritanopia

25.3674, 25.7487, 31.2367

Trichromacy



Original Color

24.1446, 25.6794, 25.1568

Protanomaly

24.2731, 25.5394, 24.7694

Deuteranomaly

25.3634, 25.6638, 25.4466

Tritanomaly

24.8807, 25.7628, 28.8607

Monochromacy



Original Color

24.1446, 25.6794, 25.1568

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1091, 25.4152, 26.5566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1446, 25.6794, 25.1568 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(140, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 131)  
}
```

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(140, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.1446, 25.6794, 25.1568 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(140, 139, 131) }
```


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

```
.border{ border-color:rgb(140, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1446, 25.6794, 25.1568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 131) }
```

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

```
.background{ background-color: rgb(140,  
139, 131) }
```

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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