

Converting Colors

XYZ(24.6004, 25.1020, 23.1910)

Have a look what the booklet for
XYZ(24.6004, 25.1020, 23.1910)
contains.

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Color

**XYZ(24.6426, 25.1302,
23.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	94877E
RGB	148, 135, 126
RGB Percent	58%, 53%, 49%
CMY	0.4196, 0.4706, 0.5059
CMYK	0.00, 0.09, 0.15, 0.42
HSL	25°, 9%, 54%
HSV	25°, 15%, 58%
XYZ	24.6426, 25.1302, 23.2905
YIQ	137.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

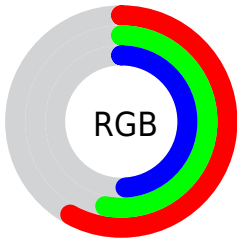
Format	Color
R_{YB}	148, 141, 126
Decimal	9734014
CIE Lab	57.20, 3.30, 6.60
CIE LCh	57, 7.379, 63.441
Yxy	25.1302, 0.3373, 0.3440
Android (android.graphics.Color)	4287924094 (0xFF94877E)
YUV	137.8610, -5.8475, 8.8919
Hunter-Lab	50.1300, 0.0183, 7.5448

Details

The XYZ color **24.6426, 25.1302, 23.2905** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1820, 25.0384, 31.6282**, and the grayscale version is **24.1238, 25.3801, 27.6389**.

A 20% lighter version of the original color is **50.4770, 51.7777, 49.9815**, and **9.5178, 9.5742, 8.3675** is the 20% darker color. If you saturate the color by 10%, you get **22.5873, 22.4364, 18.2372**, and if you desaturate by 10%, it is **26.9408, 28.0832, 29.1225**.

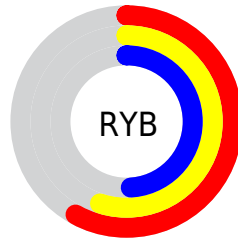
Distribution



Red (58%)

Green (53%)

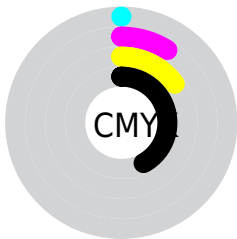
Blue (49%)



Red (58%)

Yellow (55%)

Blue (49%)

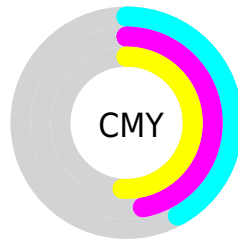


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6426, 25.1302, 23.2905 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 24.6426, 25.1302, 23.2905 by changing the saturation by 10% instead.

■ 24.6426, 25.1302,
23.2905

■ 24.6426, 25.1302,
23.2905

268.4339,
278.4857, 282.3837

■ 15.9383, 16.1741,
14.6008

■ 50.5239, 51.8684,
49.7991

■ 9.5711, 9.6474,
8.3962

■ 68.4316, 70.4192,
68.4552

■ 5.1756, 5.1658,
4.2581

■ 90.1378, 92.9371,
91.2704

■ 2.3865, 2.3449,
1.7680

116.0079,
119.8064, 118.6634

■ 0.8384, 0.7973,
0.4067

146.4072,
151.4115, 151.0527

■ 0.0000, 0.0000,
0.0000

181.7011,

188.1368, 188.8568

222.2549,
230.3668, 232.4943

■ 24.6426, 25.1302,
23.2905

■ 24.6426, 25.1302,
23.2905

■ 22.5873, 22.4364,
18.2372

■ 26.9408, 28.0832,
29.1225

■ 20.7643, 19.9912,
13.9277

■ 29.4879, 31.2989,
35.7628

■ 19.1651, 17.7880,
10.3266

■ 32.2924, 34.7852,
43.2417

■ 17.7800, 15.8188,
7.3952

■ 35.3616, 38.5484,
51.5873

■ 16.5983, 14.0751,
5.0909

■ 38.7026, 42.5948,
60.8262

■ 15.6083, 12.5475,
3.3661

■ 42.3222, 46.9303,
70.9841

■ 14.7969, 11.2262,
2.1665

■ 46.2268, 51.5607,
82.0856

■ 14.1479, 10.0996,
1.4220

■ 50.4229, 56.4917,
94.1543

■ 13.8584, 9.5872,
1.1201

■ 54.2324, 61.4551,
103.6114

Harmonies

Analogous

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



25.3112, 25.1302, 24.8022



24.6426, 25.1302, 23.2905



23.7851, 25.1302, 22.8463

Triad

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



24.6426, 25.1302, 23.2905



22.2516, 25.1302, 27.6515



24.8209, 25.1302, 31.5656

Complementary

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



24.6426, 25.1302, 23.2905



23.1820, 25.0384, 31.6282

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.



23.9862, 25.1302, 32.4379



24.6426, 25.1302, 23.2905



22.5143, 25.1302, 30.0932

Square

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



24.6426, 25.1302, 23.2905



22.4178, 25.1302, 25.2724



23.1441, 25.1302, 31.8835



25.4159, 25.1302, 29.5649

Rectangle

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



24.6426, 25.1302, 23.2905



23.2251, 25.1302, 23.1915



23.1441, 25.1302, 31.8835



24.5583, 25.1302, 32.0059

Sweetspot

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



24.6433, 25.1313, 23.2910



47.8718, 49.9792, 52.2517



24.3487, 23.0879, 27.6762



10.8593, 11.3217, 11.7508



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.



24.6433, 25.1313, 23.2910



42.1660, 42.6299, 37.8260



26.2270, 28.2986, 23.8189



5.9841, 6.1819, 6.1183



11.8629, 8.2401, 0.9653



0.1730, 0.1564, 0.0211

Inverse Universe

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



23.1820, 25.0384, 31.6282



39.0563, 42.4316, 55.5662



21.6951, 22.0647, 31.1326



5.7671, 6.1682, 7.3564



7.5343, 7.7633, 25.0324



0.1213, 0.1532, 0.3161

Previews

White Background



This preview shows how the XYZ color 24.6426, 25.1302, 23.2905 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 24.6426, 25.1302, 23.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

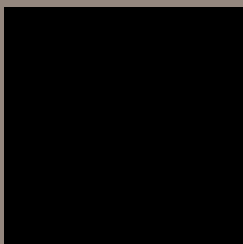
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

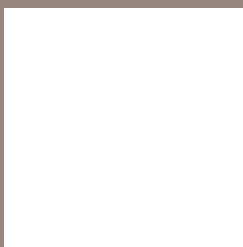
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6426, 25.1302, 23.2905

Background



This preview shows how black text looks on a background with the XYZ color 24.6426, 25.1302, 23.2905.



This preview shows how white text looks on a background with the XYZ color 24.6426, 25.1302,

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

24.6426, 25.1302, 23.2905

Protanopia

23.9318, 25.1744, 23.6765

Deuteranopia

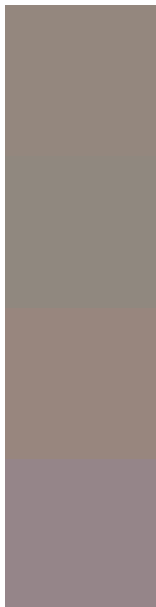
25.6710, 25.2500, 23.2594



Tritanopia

25.7869, 24.9697, 29.4471

Trichromacy



Original Color

24.6426, 25.1302, 23.2905

Protanomaly

24.1365, 25.0699, 23.6455

Deuteranomaly

25.2399, 25.2320, 23.2786

Tritanomaly

25.2973, 24.9708, 27.1534

Monochromacy



Original Color

24.6426, 25.1302, 23.2905

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4041, 25.3633, 26.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6426, 25.1302, 23.2905 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, 135, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 135, 126)  
}
```

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, 135, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 135, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.6426, 25.1302, 23.2905 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, 135, 126) }
```


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

```
.border{ border-color:rgb(148, 135, 126) }
```

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

Here you see how a box with a 4 pixel rgb(148, 135, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 135, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 135, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 135,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6426, 25.1302, 23.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 135, 126) }
```

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

```
.background{ background-color: rgb(148,  
135, 126) }
```

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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