

Converting Colors

XYZ(25.5686, 30.2498, 24.0218)

Have a look what the booklet for
XYZ(25.5686, 30.2498, 24.0218)
contains.

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Color

**XYZ(25.4147, 30.0743,
23.8675)**

Conversions

Conversions Part 1

Format	Color
Hex	879B7D
RGB	135, 155, 125
RGB Percent	53%, 61%, 49%
CMY	0.4706, 0.3921, 0.5098
CMYK	0.13, 0.00, 0.19, 0.39
HSL	100°, 13%, 55%
HSV	100°, 19%, 61%
XYZ	25.4147, 30.0743, 23.8675
YIQ	145.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

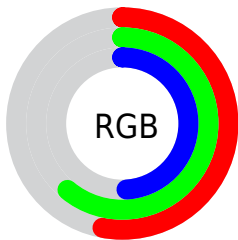
Format	Color
RYB	125, 155, 145
Decimal	8887165
CIELab	61.72, -12.87, 13.41
CIELCh	62, 18.586, 133.834
Yxy	30.0743, 0.3203, 0.3790
Android (android.graphics.Color)	4287077245 (0xFF879B7D)
YUV	145.6000, -10.1558, -9.2962
Hunter-Lab	54.8400, -13.2472, 12.5838

Details

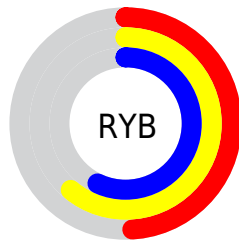
The XYZ color **25.4147, 30.0743, 23.8675** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.9284, 23.0545, 34.1481**, and the grayscale version is **27.1995, 28.6160, 31.1629**.

A 20% lighter version of the original color is **51.5754, 59.5066, 50.8871**, and **10.0011, 12.3537, 8.6949** is the 20% darker color. If you saturate the color by 10%, you get **22.9181, 28.8938, 18.9790**, and if you desaturate by 10%, it is **28.2289, 31.4025, 29.5789**.

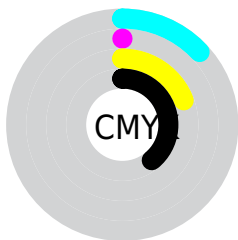
Distribution



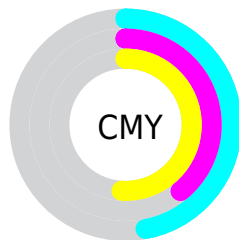
- Red (53%)
- Green (61%)
- Blue (49%)



- Red (49%)
- Yellow (61%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4147, 30.0743, 23.8675 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 25.4147, 30.0743, 23.8675 by changing the saturation by 10% instead.

■ 25.4147, 30.0743,
23.8675

■ 25.4147, 30.0743,
23.8675

272.2066,
302.2506, 285.4149

■ 16.5167, 19.8950,
15.0241

■ 51.7673, 59.7797,
50.7550

■ 9.9837, 12.3187,
8.6895

■ 69.9525, 80.0745,
69.6362

■ 5.4503, 6.9611,
4.4452

■ 91.9642, 104.5100,
92.7003

■ 2.5513, 3.4378,
1.8726

118.1676,
133.4705, 120.3660

■ 0.9212, 1.3643,
0.4752

148.9283,
167.3404, 153.0518

■ 0.0000, 0.1902,
0.0000

184.6114,

■ 0.0000, 0.0000,

206.5041, 191.1761

0.0000

225.5824,
251.3461, 235.1577

■ 25.4147, 30.0743,
23.8675

■ 25.4147, 30.0743,
23.8675

■ 22.9181, 28.8938,
18.9790

■ 28.2289, 31.4025,
29.5789

■ 20.7250, 27.8518,
14.8735

■ 31.3693, 32.8793,
36.1465

■ 18.8237, 26.9441,
11.5108

■ 34.8474, 34.5108,
43.6043

■ 17.2008, 26.1647,
8.8463

■ 38.6730, 36.3015,
51.9840

■ 15.8415, 25.5072,
6.8309

■ 42.8559, 38.2557,
61.3154

■ 14.7299, 24.9645,
5.4087

■ 47.4052, 40.3774,
71.6273

■ 13.8475, 24.5284,
4.5146

■ 52.3298, 42.6707,
82.9471

■ 13.1604, 24.1849,
4.0032

■ 57.6382, 45.1393,
95.3011

■ 13.1207, 24.1650,
3.9728

■ 61.7703, 47.1597,
100.4548

Harmonies

Analogous

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



27.4622, 30.0743, 21.2172



25.4147, 30.0743, 23.8675



24.2543, 30.0743, 29.0967

Triad

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



25.4147, 30.0743, 23.8675



27.2804, 30.0743, 47.6534



33.4577, 30.0743, 29.5947

Complementary

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



25.4147, 30.0743, 23.8675



24.9284, 23.0545, 34.1481

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.



33.4021, 30.0743, 36.6880



25.4147, 30.0743, 23.8675



29.7374, 30.0743, 47.8380

Square

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



25.4147, 30.0743, 23.8675



25.2883, 30.0743, 43.1180



32.0080, 30.0743, 43.5909



32.1559, 30.0743, 24.1866

Rectangle

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



25.4147, 30.0743, 23.8675



24.0956, 30.0743, 33.6653



32.0080, 30.0743, 43.5909



33.5994, 30.0743, 31.8432

Sweetspot

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



25.4155, 30.0756, 23.8682



52.3087, 57.0623, 56.6081



27.3459, 28.7014, 23.5012



11.7659, 12.8810, 12.6593



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.4155, 30.0756, 23.8682



43.6164, 52.9623, 38.9856



24.2090, 29.4158, 25.5216



6.3165, 7.0206, 6.6280



10.5751, 19.4275, 3.1925



0.1939, 0.3089, 0.0494

Inverse Universe

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



24.9284, 23.0545, 34.1481



42.5881, 38.1599, 60.6572



26.3574, 23.8387, 32.0677



6.2611, 6.2205, 7.7996



9.3179, 4.2546, 25.2378



0.1775, 0.0833, 0.3791

Previews

White Background



This preview shows how the XYZ color 25.4147, 30.0743, 23.8675 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.4147, 30.0743, 23.8675 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 ✓ Pass

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

XYZ 25.4147, 30.0743, 23.8675

Background



This preview shows how black text looks on a background with the XYZ color 25.4147, 30.0743, 23.8675.



This preview shows how white text looks on a background with the XYZ color 25.4147, 30.0743,

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

25.4147, 30.0743, 23.8675

Protanopia

28.0074, 29.7530, 22.6791

Deuteranopia

30.4478, 29.8352, 24.2327



Tritanopia

28.4124, 30.0840, 38.4917

Trichromacy



Original Color

25.4147, 30.0743, 23.8675

Protanomaly

27.0362, 29.9528, 23.0954

Deuteranomaly

28.3002, 29.6429, 23.9687

Tritanomaly

27.3005, 30.1154, 32.8077

Monochromacy



Original Color

25.4147, 30.0743, 23.8675

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4902, 29.0807, 28.2617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4147, 30.0743, 23.8675 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(135, 155, 125)` looks like.

```
.text, #text, p{  
    color:rgb(135, 155, 125)  
}
```

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(135, 155, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 155, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.4147, 30.0743, 23.8675 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(135, 155, 125) }
```


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

```
.border{ border-color:rgb(135, 155, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 155, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 155, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 155, 125);  
box-shadow:4px 4px 4px 4px rgb(135, 155,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4147, 30.0743, 23.8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 155, 125) }
```

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

```
.background{ background-color: rgb(135,  
155, 125) }
```

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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