

Converting Colors

XYZ(25.3472, 30.5360, 13.3615)

Have a look what the booklet for
XYZ(25.3472, 30.5360, 13.3615)
contains.

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Color

**XYZ(25.4222, 30.5598,
13.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	929C56
RGB	146, 156, 86
RGB Percent	57%, 61%, 34%
CMY	0.4275, 0.3882, 0.6627
CMYK	0.06, 0.00, 0.45, 0.39
HSL	69°, 29%, 47%
HSV	69°, 45%, 61%
XYZ	25.4222, 30.5598, 13.3628
YIQ	145.0300, 16.5100, -23.8900

Conversions

Conversions Part 2

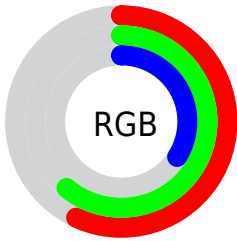
Format	Color
RYB	86, 156, 96
Decimal	9608278
CIELab	62.13, -14.63, 35.32
CIELCh	62, 38.235, 112.502
Yxy	30.5598, 0.3666, 0.4407
Android (android.graphics.Color)	4287798358 (0xFF929C56)
YUV	145.0300, -29.1018, 0.8507
Hunter-Lab	55.2809, -14.6543, 24.3647

Details

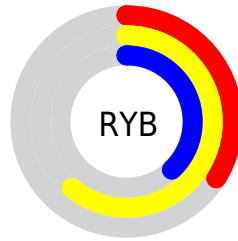
The XYZ color **25.4222, 30.5598, 13.3628** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1535, 11.5434, 32.9364**, and the grayscale version is **27.0363, 28.4443, 30.9759**.

A 20% lighter version of the original color is **51.6493, 60.3168, 32.5870**, and **10.0175, 12.6228, 3.7422** is the 20% darker color. If you saturate the color by 10%, you get **24.4689, 30.1342, 10.3878**, and if you desaturate by 10%, it is **26.5220, 31.0470, 17.0620**.

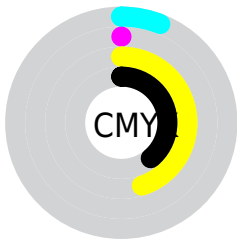
Distribution



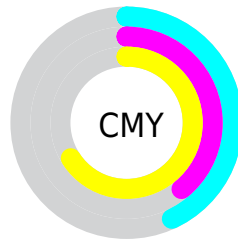
- Red (57%)
- Green (61%)
- Blue (34%)



- Red (34%)
- Yellow (61%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4222, 30.5598, 13.3628 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 25.4222, 30.5598, 13.3628 by changing the saturation by 10% instead.

■ 25.4222, 30.5598,
13.3628

■ 25.4222, 30.5598,
13.3628

272.2431,
304.5052, 224.5188

■ 16.5223, 20.2639,
7.5452

■ 51.7793, 60.5463,
32.6547

■ 9.9877, 12.5870,
3.7218

■ 69.9672, 81.0058,
46.9661

■ 5.4530, 7.1448,
1.4740

■ 91.9818, 105.6218,
64.9459

■ 2.5529, 3.5528,
0.1984

■ 118.1885,
134.7789, 87.0125

■ 0.9220, 1.4267,
0.0000

■ 148.9526,
168.8613, 113.5846

■ 0.0000, 0.2363,
0.0000

184.6395,

■ 0.0000, 0.0000,

208.2536, 145.0806

0.0000

225.6146,
253.3401, 181.9192

■ 25.4222, 30.5598,
13.3628

■ 25.4222, 30.5598,
13.3628

■ 24.4689, 30.1342,
10.3878

■ 26.5220, 31.0470,
17.0620

■ 23.6506, 29.7625,
8.0877

■ 27.7742, 31.5951,
21.5267

■ 22.9582, 29.4419,
6.4098

■ 29.1873, 32.2083,
26.7975

■ 22.3798, 29.1679,
5.2929

■ 30.7682, 32.8896,
32.9114

■ 21.9009, 28.9345,
4.6603

■ 32.5237, 33.6417,
39.9031

■ 21.6743, 28.8227,
4.4210

■ 34.4600, 34.4670,
47.8055

■ 36.5831, 35.3679,
56.6497

■ 38.8986, 36.3467,
66.4654

■ 41.4119, 37.4056,
77.2809

Harmonies

Analogous

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



30.3564, 30.5598, 12.3474



25.4222, 30.5598, 13.3628



21.8832, 30.5598, 18.8357

Triad

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



25.4222, 30.5598, 13.3628



23.4306, 30.5598, 61.1940



39.9998, 30.5598, 37.1103

Complementary

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



25.4222, 30.5598, 13.3628



14.1535, 11.5434, 32.9364

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.



37.6230, 30.5598, 53.6728



25.4222, 30.5598, 13.3628



27.7742, 30.5598, 70.0103

Square

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



25.4222, 30.5598, 13.3628



20.8316, 30.5598, 45.3380



32.9992, 30.5598, 66.9132



39.1780, 30.5598, 23.5665

Rectangle

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



25.4222, 30.5598, 13.3628



20.5959, 30.5598, 25.4619



32.9992, 30.5598, 66.9132



39.5397, 30.5598, 42.5410

Sweetspot

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



25.4229, 30.5612, 13.3634



53.4521, 58.6875, 50.3569



19.5134, 15.9852, 10.8615



11.6371, 12.8599, 10.6055



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.



25.4229, 30.5612, 13.3634



44.4084, 54.7150, 18.7726



20.2090, 27.8733, 13.1194



7.0769, 7.6723, 7.0936



17.8741, 23.7512, 3.6424



0.3427, 0.4366, 0.0662

Inverse Universe

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



14.1535, 11.5434, 32.9364



21.2663, 15.6250, 59.0218



18.5867, 13.8288, 33.1439



6.3686, 6.4785, 8.3215



5.2397, 2.1302, 26.0422



0.1157, 0.0495, 0.4667

Previews

White Background



This preview shows how the XYZ color 25.4222, 30.5598, 13.3628 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 25.4222, 30.5598, 13.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

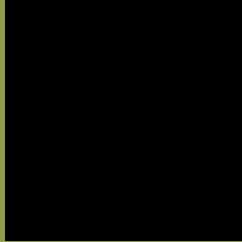
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4222, 30.5598, 13.3628

Background



This preview shows how black text looks on a background with the XYZ color 25.4222, 30.5598, 13.3628.



This preview shows how white text looks on a background with the XYZ color 25.4222, 30.5598,

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

25.4222, 30.5598, 13.3628

Protanopia

28.0236, 30.4521, 12.7883

Deuteranopia

30.9170, 30.3113, 13.6724



Tritanopia

30.3655, 30.6516, 37.1168

Trichromacy



Original Color

25.4222, 30.5598, 13.3628

Protanomaly

26.9685, 30.3815, 13.0371

Deuteranomaly

28.7135, 30.3194, 13.5714

Tritanomaly

28.1804, 30.4746, 26.2267

Monochromacy



Original Color

25.4222, 30.5598, 13.3628

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0626, 28.9699, 23.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4222, 30.5598, 13.3628 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(146, 156, 86)` looks like.

```
.text, #text, p{  
    color:rgb(146, 156, 86)  
}
```

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(146, 156, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 156, 86) }
```

Border

The CSS property to change the border of an element to XYZ 25.4222, 30.5598, 13.3628 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(146, 156, 86) }
```


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

```
.border{ border-color:rgb(146, 156, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 156, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 156, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 156, 86);  
box-shadow:4px 4px 4px 4px rgb(146, 156,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4222, 30.5598, 13.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 156, 86) }
```

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

```
.background{ background-color: rgb(146,  
156, 86) }
```

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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