

Converting Colors

XYZ(25.6636, 30.1583, 16.3862)

Have a look what the booklet for
XYZ(25.6636, 30.1583, 16.3862)
contains.

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Color

**XYZ(25.6618, 30.1230,
16.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	929A63
RGB	146, 154, 99
RGB Percent	57%, 60%, 39%
CMY	0.4274, 0.3961, 0.6118
CMYK	0.05, 0.00, 0.36, 0.40
HSL	69°, 22%, 50%
HSV	69°, 36%, 60%
XYZ	25.6618, 30.1230, 16.2662
YIQ	145.3380, 12.8870, -18.8010

Conversions

Conversions Part 2

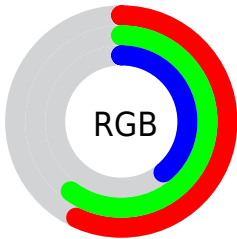
Format	Color
RYB	99, 154, 107
Decimal	9607779
CIELab	61.76, -12.01, 27.95
CIELCh	62, 30.419, 113.258
Yxy	30.1230, 0.3562, 0.4181
Android (android.graphics.Color)	4287797859 (0xFF929A63)
YUV	145.3380, -22.8446, 0.5806
Hunter-Lab	54.8844, -12.5882, 20.8472

Details

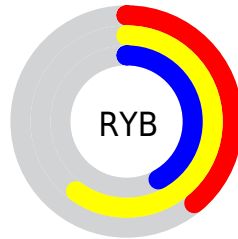
The XYZ color **25.6618, 30.1230, 16.2662** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3591, 14.3833, 32.4875**, and the grayscale version is **27.1382, 28.5515, 31.0926**.

A 20% lighter version of the original color is **52.1483, 59.7313, 37.6349**, and **10.0639, 12.3192, 4.9794** is the 20% darker color. If you saturate the color by 10%, you get **24.6005, 29.6540, 12.7331**, and if you desaturate by 10%, it is **26.8729, 30.6549, 20.5405**.

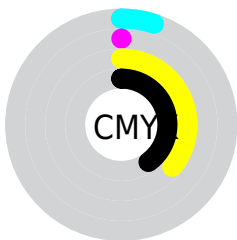
Distribution



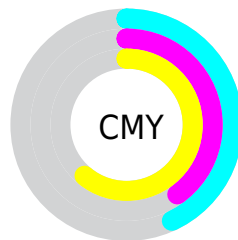
- Red (57%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (42%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6618, 30.1230, 16.2662 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 25.6618, 30.1230, 16.2662 by changing the saturation by 10% instead.

■ 25.6618, 30.1230,
16.2662

■ 25.6618, 30.1230,
16.2662

273.4052,
302.4774, 242.8065

■ 16.7022, 19.9320,
9.5563

■ 52.1640, 59.8566,
37.8329

■ 10.1163, 12.3456,
5.0041

■ 70.4373, 80.1680,
53.5269

■ 5.5390, 6.9795,
2.1909

■ 92.5459, 104.6217,
73.0526

■ 2.6048, 3.4493,
0.6691

■ 118.8551,
133.6020, 96.8286

■ 0.9484, 1.3705,
0.0000

149.7303,
167.4933, 125.2734

■ 0.0000, 0.1949,
0.0000

185.5368,

■ 0.0000, 0.0000,

206.6800, 158.8057

0.0000

226.6399,
251.5466, 197.8439

■ 25.6618, 30.1230,
16.2662

■ 25.6618, 30.1230,
16.2662

■ 24.6005, 29.6540,
12.7331

■ 26.8729, 30.6549,
20.5405

■ 23.6786, 29.2405,
9.8970

■ 28.2388, 31.2487,
25.5929

■ 22.8881, 28.8805,
7.7123

■ 29.7674, 31.9084,
31.4602

■ 22.2190, 28.5700,
6.1269

■ 31.4650, 32.6367,
38.1762

■ 21.6599, 28.3043,
5.0807

■ 33.3377, 33.4359,
45.7729

■ 21.1951, 28.0773,
4.4919

■ 35.3914, 34.3084,
54.2805

■ 21.0086, 27.9853,
4.2944

■ 37.6315, 35.2565,
63.7280

■ 40.0634, 36.2822,
74.1428

■ 42.6921, 37.3875,
85.5515

Harmonies

Analogous

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



29.5559, 30.1230, 15.2482



25.6618, 30.1230, 16.2662



22.8275, 30.1230, 21.1742

Triad

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



25.6618, 30.1230, 16.2662



24.2163, 30.1230, 54.1390



37.0912, 30.1230, 35.4902

Complementary

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



25.6618, 30.1230, 16.2662



16.3591, 14.3833, 32.4875

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.



35.3431, 30.1230, 48.0489



25.6618, 30.1230, 16.2662



27.7256, 30.1230, 60.3408

Square

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



25.6618, 30.1230, 16.2662



22.0497, 30.1230, 42.4280



31.8208, 30.1230, 57.8827



36.4067, 30.1230, 24.7493

Rectangle

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



25.6618, 30.1230, 16.2662



21.7960, 30.1230, 26.7789



31.8208, 30.1230, 57.8827



36.7636, 30.1230, 39.6594

Sweetspot

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



25.6626, 30.1243, 16.2668



52.5060, 57.2863, 51.0920



20.7680, 18.1486, 14.2133



11.8070, 12.9330, 11.2681



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.



25.6626, 30.1243, 16.2668



45.0241, 54.0163, 24.2205



21.4394, 27.9472, 16.0692



6.6206, 7.1774, 6.6423



17.1385, 22.8111, 3.4997



0.2774, 0.3519, 0.0533

Inverse Universe

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



16.3591, 14.3833, 32.4875



25.5234, 21.0054, 58.2455



20.1005, 16.3121, 32.6626



5.9640, 6.0673, 7.7857



5.0489, 2.0539, 25.0380



0.0943, 0.0404, 0.3752

Previews

White Background



This preview shows how the XYZ color 25.6618, 30.1230, 16.2662 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 25.6618, 30.1230, 16.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

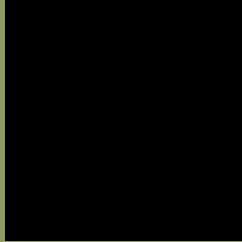
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6618, 30.1230, 16.2662

Background



This preview shows how black text looks on a background with the XYZ color 25.6618, 30.1230, 16.2662.



This preview shows how white text looks on a background with the XYZ color 25.6618, 30.1230,

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

25.6618, 30.1230, 16.2662

Protanopia

27.8054, 30.0393, 15.6419

Deuteranopia

30.5315, 30.0495, 16.5029



Tritanopia

29.7421, 30.1084, 36.5917

Trichromacy



Original Color

25.6618, 30.1230, 16.2662

Protanomaly

26.9815, 30.0830, 15.9398

Deuteranomaly

28.4599, 29.8945, 16.3268

Tritanomaly

27.9994, 30.1029, 28.0016

Monochromacy



Original Color

25.6618, 30.1230, 16.2662

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1632, 28.7581, 24.5940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6618, 30.1230, 16.2662 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, 154, 99)` looks like.

```
.text, #text, p{  
    color:rgb(146, 154, 99)  
}
```

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, 154, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 154, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.6618, 30.1230, 16.2662 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, 154, 99) }
```


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

```
.border{ border-color:rgb(146, 154, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 154, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 154, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 154, 99);  
box-shadow:4px 4px 4px 4px rgb(146, 154,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6618, 30.1230, 16.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 154, 99) }
```

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

```
.background{ background-color: rgb(146,  
154, 99) }
```

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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