

Converting Colors

XYZ(25.6168, 24.5214, 36.6407)

Have a look what the booklet for
XYZ(25.6168, 24.5214, 36.6407)
contains.

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Color

**XYZ(25.6168, 24.5214,
36.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	8E83A0
RGB	142, 131, 160
RGB Percent	56%, 51%, 63%
CMY	0.4431, 0.4863, 0.3725
CMYK	0.11, 0.18, 0.00, 0.37
HSL	263°, 13%, 57%
HSV	263°, 18%, 63%
XYZ	25.6168, 24.5214, 36.6407
YIQ	137.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

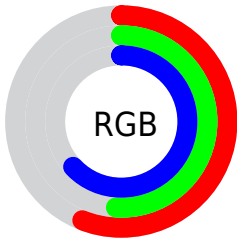
Format	Color
R_{YB}	142, 131, 160
Decimal	9339808
CIE _{Lab}	56.61, 10.02, -13.93
CIE _{LCh}	57, 17.156, 305.717
Yxy	24.5214, 0.2952, 0.2826
Android (android.graphics.Color)	4287529888 (0xFF8E83A0)
YUV	137.5950, 11.0457, 3.8632
Hunter-Lab	49.5191, 5.6817, -9.2071

Details

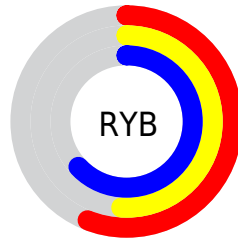
The XYZ color **25.6168, 24.5214, 36.6407** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **29.0628, 33.1705, 26.3446**, and the grayscale version is **23.9640, 25.2120, 27.4559**.

A 20% lighter version of the original color is **52.1712, 50.9230, 71.3694**, and **10.1377, 9.3926, 15.4660** is the 20% darker color. If you saturate the color by 10%, you get **22.0030, 19.7114, 35.9031**, and if you desaturate by 10%, it is **29.7158, 30.0754, 37.4971**.

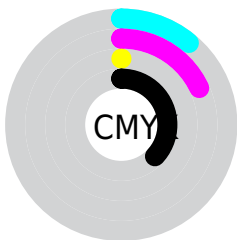
Distribution



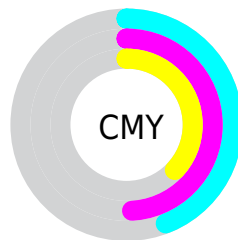
- Red (56%)
- Green (51%)
- Blue (63%)



- Red (56%)
- Yellow (51%)
- Blue (63%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6168, 24.5214, 36.6407 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 25.6168, 24.5214, 36.6407 by changing the saturation by 10% instead.

■ 25.6168, 24.5214,
36.6407

■ 25.6168, 24.5214,
36.6407

273.1872,
275.4460, 346.8741

■ 16.6684, 15.7208,
24.6358

■ 52.0918, 50.8797,
71.2000

■ 10.0922, 9.3268,
15.5894

■ 70.3491, 69.2063,
94.5914

■ 5.5228, 4.9550,
9.0829

■ 92.4401, 91.4770,
122.6155

■ 2.5950, 2.2209,
4.6977

118.7300,
118.0762, 155.6908

■ 0.9434, 0.7313,
2.0154

149.5844,
149.3883, 194.2357

■ 0.0000, 0.0000,
0.5647

185.3685,

■ 0.0000, 0.0000,

185.7977, 238.6689

0.0000

226.4476,
227.6888, 289.4088

■ 25.6168, 24.5214,
36.6407

■ 25.6168, 24.5214,
36.6407

■ 22.0030, 19.7114,
35.9031

■ 29.7158, 30.0754,
37.4971

■ 18.8531, 15.6100,
35.2775

■ 34.3158, 36.4008,
38.4756

■ 16.1472, 12.1834,
34.7587

■ 39.4345, 43.5272,
39.5813

■ 13.8634, 9.3937,
34.3406

■ 45.0882, 51.4817,
40.8187

■ 11.9773, 7.1991,
34.0164

■ 51.2923, 60.2903,
42.1919

■ 10.4621, 5.5527,
33.7785

■ 58.0617, 69.9777,
43.7050

■ 9.2867, 4.4002,
33.6180

■ 65.4106, 80.5675,
45.3617

■ 8.3991, 3.6453,
33.5191

■ 72.0622, 89.5015,
46.7356

■ 8.2505, 3.5203,
33.5028

■ 75.1845, 91.1111,
46.8817

Harmonies

Analogous

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



23.6907, 24.5214, 39.1794



25.6168, 24.5214, 36.6407



26.9781, 24.5214, 31.4732

Triad

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



25.6168, 24.5214, 36.6407



24.9190, 24.5214, 17.8915



19.6972, 24.5214, 27.8080

Complementary

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



25.6168, 24.5214, 36.6407



29.0628, 33.1705, 26.3446

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.



19.9847, 24.5214, 22.4349



25.6168, 24.5214, 36.6407



22.9271, 24.5214, 17.1987

Square

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



25.6168, 24.5214, 36.6407



26.5594, 24.5214, 20.7904



21.1401, 24.5214, 18.7420



20.3313, 24.5214, 33.6342

Rectangle

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



25.6168, 24.5214, 36.6407



27.3418, 24.5214, 27.5280



21.1401, 24.5214, 18.7420



19.6898, 24.5214, 25.8881

Sweetspot

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



25.6176, 24.5224, 36.6412



56.3855, 57.9340, 68.5971



26.5116, 28.9753, 37.4536



12.2488, 12.5449, 15.0195



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.6176, 24.5224, 36.6412



43.5854, 40.6066, 65.9272



28.1983, 25.8529, 36.7620



6.5107, 6.5517, 8.3281



6.4728, 2.7659, 26.0999



0.1610, 0.0728, 0.4688

Inverse Universe

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



28.0391, 25.8771, 31.9517



48.9133, 43.5895, 55.5028



26.6386, 31.9208, 26.2311



6.7974, 6.7119, 7.7842



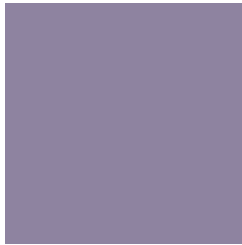
13.0811, 6.5370, 9.9439



0.2540, 0.1249, 0.2834

Previews

White Background



This preview shows how the XYZ color 25.6168, 24.5214, 36.6407 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 25.6168, 24.5214, 36.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

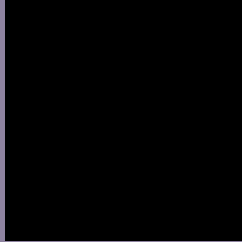
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6168, 24.5214, 36.6407

Background



This preview shows how black text looks on a background with the XYZ color 25.6168, 24.5214, 36.6407.



This preview shows how white text looks on a background with the XYZ color 25.6168, 24.5214,

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

25.6168, 24.5214, 36.6407

Protanopia

24.3915, 24.6824, 37.6610

Deuteranopia

25.0492, 24.6315, 36.6918



Tritanopia

24.2066, 24.5528, 29.8489

Trichromacy



Original Color

25.6168, 24.5214, 36.6407

Protanomaly

24.7896, 24.6917, 37.1776

Deuteranomaly

25.2439, 24.5296, 36.6619

Tritanomaly

24.7078, 24.5525, 32.2910

Monochromacy



Original Color

25.6168, 24.5214, 36.6407

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4997, 24.8922, 30.7075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6168, 24.5214, 36.6407 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(142, 131, 160)` looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 160)  
}
```

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(142, 131, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 160) }
```

Border

The CSS property to change the border of an element to XYZ 25.6168, 24.5214, 36.6407 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(142, 131, 160) }
```


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

```
.border{ border-color:rgb(142, 131, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 131, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 160);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6168, 24.5214, 36.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 131, 160) }
```

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

```
.background{ background-color: rgb(142,  
131, 160) }
```

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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