

Converting Colors

XYZ(25.5805, 29.0395, 24.5075)

Have a look what the booklet for
XYZ(25.5805, 29.0395, 24.5075)
contains.

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Color

**XYZ(25.6178, 28.9467,
24.6591)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9680
RGB	140, 150, 128
RGB Percent	55%, 59%, 50%
CMY	0.4510, 0.4117, 0.4980
CMYK	0.07, 0.00, 0.15, 0.41
HSL	87°, 9%, 55%
HSV	87°, 15%, 59%
XYZ	25.6178, 28.9467, 24.6591
YIQ	144.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

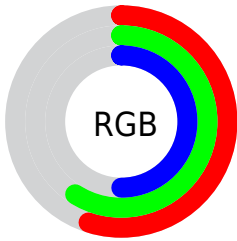
Format	Color
R_{YB}	128, 150, 138
Decimal	9213568
CIE _{Lab}	60.73, -7.78, 10.39
CIE _{LCh}	61, 12.979, 126.805
Yxy	28.9467, 0.3234, 0.3654
Android (android.graphics.Color)	4287403648 (0xFF8C9680)
YUV	144.5020, -8.1355, -3.9483
Hunter-Lab	53.8021, -9.1613, 10.4871

Details

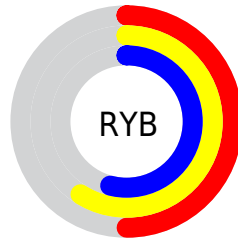
The XYZ color **25.6178, 28.9467, 24.6591** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7067, 23.0445, 32.0544**, and the grayscale version is **26.7440, 28.1368, 30.6410**.

A 20% lighter version of the original color is **52.1815, 57.9913, 52.1592**, and **10.0896, 11.6619, 9.1163** is the 20% darker color. If you saturate the color by 10%, you get **23.5890, 28.0074, 19.7857**, and if you desaturate by 10%, it is **27.8654, 29.9836, 30.3059**.

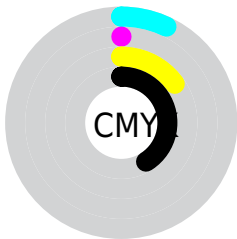
Distribution



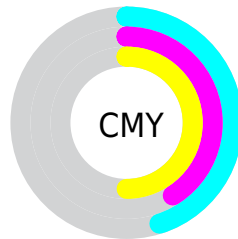
- Red (55%)
- Green (59%)
- Blue (50%)



- Red (50%)
- Yellow (59%)
- Blue (54%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6178, 28.9467, 24.6591 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 25.6178, 28.9467, 24.6591 by changing the saturation by 10% instead.

■ 25.6178, 28.9467,
24.6591

■ 25.6178, 28.9467,
24.6591

273.1920,
296.9634, 289.5291

■ 16.6691, 19.0405,
15.6066

■ 52.0934, 57.9924,
52.0609

■ 10.0927, 11.6995,
9.0948

■ 70.3511, 77.9007,
71.2472

■ 5.5232, 6.5394,
4.7054

■ 92.4424, 101.9118,
94.6485

■ 2.5953, 3.1758,
2.0198

118.7328,
130.4101, 122.6834

■ 0.9435, 1.2242,
0.5674

149.5876,
163.7800, 155.7703

■ 0.0000, 0.0813,
0.0000

185.3722,

■ 0.0000, 0.0000,

202.4060, 194.3279

0.0000

226.4519,
246.6723, 238.7746

■ 25.6178, 28.9467,
24.6591

■ 25.6178, 28.9467,
24.6591

■ 23.5890, 28.0074,
19.7857

■ 27.8654, 29.9836,
30.3059

■ 21.7690, 27.1588,
15.6502

■ 30.3367, 31.1174,
36.7559

■ 20.1504, 26.3987,
12.2170

■ 33.0394, 32.3523,
44.0396

■ 18.7244, 25.7235,
9.4470

■ 35.9800, 33.6910,
52.1851

■ 17.4815, 25.1290,
7.2971

■ 39.1648, 35.1361,
61.2196

■ 16.4111, 24.6110,
5.7191

■ 42.5997, 36.6902,
71.1687

■ 15.5013, 24.1645,
4.6577

■ 46.2906, 38.3558,
82.0573

■ 14.7372, 23.7834,
4.0436

■ 50.2432, 40.1352,
93.9092

■ 14.3696, 23.5990,
3.7977

■ 53.1468, 41.5043,
99.8177

Harmonies

Analogous

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



27.1309, 28.9467, 23.1755



25.6178, 28.9467, 24.6591



24.6419, 28.9467, 28.0040

Triad

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



25.6178, 28.9467, 24.6591



26.2569, 28.9467, 40.8362



30.8560, 28.9467, 30.4316

Complementary

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



25.6178, 28.9467, 24.6591



23.7067, 23.0445, 32.0544

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.



30.5988, 28.9467, 35.3144



25.6178, 28.9467, 24.6591



27.8986, 28.9467, 41.6550

Square

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



25.6178, 28.9467, 24.6591



25.0003, 28.9467, 37.4083



29.4994, 28.9467, 39.5437



30.1886, 28.9467, 26.2810

Rectangle

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



25.6178, 28.9467, 24.6591



24.4041, 28.9467, 31.0039



29.4994, 28.9467, 39.5437



30.8752, 28.9467, 32.0378

Sweetspot

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



25.6186, 28.9480, 24.6597



49.4194, 53.0245, 54.1112



25.5492, 26.1919, 24.1314



10.8876, 11.7213, 11.8264



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.



25.6186, 28.9480, 24.6597



43.8443, 50.4527, 40.1902



23.8720, 28.0475, 24.5780



6.0137, 6.6149, 6.2003



11.9545, 19.5906, 3.1513



0.1803, 0.2573, 0.0402

Inverse Universe

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



23.7067, 23.0445, 32.0544



39.7279, 37.7415, 56.1122



25.6015, 24.0213, 32.1430



5.7350, 5.7544, 7.2782



6.5906, 2.8701, 24.1377



0.1139, 0.0523, 0.2970

Previews

White Background



This preview shows how the XYZ color 25.6178, 28.9467, 24.6591 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 25.6178, 28.9467, 24.6591 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 25.6178, 28.9467, 24.6591

Background



This preview shows how black text looks on a background with the XYZ color 25.6178, 28.9467, 24.6591.



This preview shows how white text looks on a background with the XYZ color 25.6178, 28.9467,

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

25.6178, 28.9467, 24.6591

Protanopia

27.3712, 28.9342, 23.8809

Deuteranopia

29.2800, 28.7684, 25.1287



Tritanopia

27.8663, 28.9214, 36.0120

Trichromacy



Original Color

25.6178, 28.9467, 24.6591

Protanomaly

26.6589, 28.7893, 24.2305

Deuteranomaly

27.8403, 28.6996, 24.8411

Tritanomaly

26.9497, 28.7824, 31.3293

Monochromacy



Original Color

25.6178, 28.9467, 24.6591

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4216, 28.5712, 28.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6178, 28.9467, 24.6591 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(140, 150, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 128)  
}
```

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(140, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 128) }
```

Border

The CSS property to change the border of an element to XYZ 25.6178, 28.9467, 24.6591 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(140, 150, 128) }
```


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

```
.border{ border-color:rgb(140, 150, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6178, 28.9467, 24.6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 128) }
```

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

```
.background{ background-color: rgb(140,  
150, 128) }
```

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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