

Converting Colors

XYZ(25.3646, 27.9385, 17.3658)

Have a look what the booklet for
XYZ(25.3646, 27.9385, 17.3658)
contains.

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Color

**XYZ(25.4064, 28.0617,
17.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	969269
RGB	150, 146, 105
RGB Percent	59%, 57%, 41%
CMY	0.4118, 0.4274, 0.5882
CMYK	0.00, 0.03, 0.30, 0.41
HSL	55°, 18%, 50%
HSV	55°, 30%, 59%
XYZ	25.4064, 28.0617, 17.4420
YIQ	142.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

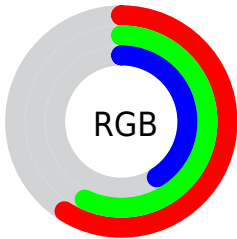
Format	Color
R_{YB}	109, 150, 105
Decimal	9867881
CIE Lab	59.94, -5.26, 22.32
CIE LCh	60, 22.931, 103.263
Yxy	28.0617, 0.3583, 0.3957
Android (android.graphics.Color)	4288057961 (0xFF969269)
YUV	142.5220, -18.4983, 6.5582
Hunter-Lab	52.9733, -7.0933, 17.5595

Details

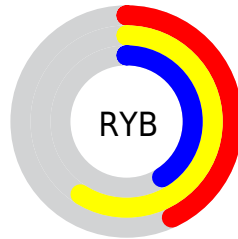
The XYZ color **25.4064, 28.0617, 17.4420** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7994, 16.1423, 31.0847**, and the grayscale version is **25.9856, 27.3388, 29.7720**.

A 20% lighter version of the original color is **51.9169, 56.7220, 40.1104**, and **9.9584, 11.2578, 5.5190** is the 20% darker color. If you saturate the color by 10%, you get **24.4986, 27.3728, 13.6654**, and if you desaturate by 10%, it is **26.4541, 28.8123, 21.9368**.

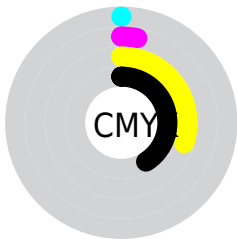
Distribution



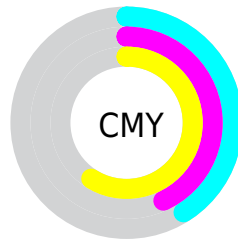
- Red (59%)
- Green (57%)
- Blue (41%)



- Red (43%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (41%)




- Cyan (41%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4064, 28.0617, 17.4420 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 25.4064, 28.0617, 17.4420 by changing the saturation by 10% instead.


 25.4064, 28.0617,
17.4420


 25.4064, 28.0617,
17.4420


272.1663,
292.7616, 249.8364


 16.5104, 18.3722,
10.3848


 51.7539, 56.5829,
39.8852


 9.9792, 11.2175,
5.5459


 69.9362, 76.1834,
56.1083

 5.4473, 6.2133,
2.5067


 91.9446, 99.8564,
76.2238

 2.5495, 2.9752,
0.8437

 118.1445,
127.9862, 100.6503

 0.9203, 1.1188,
0.0000

148.9013,
160.9572, 129.8062

 0.0000, 0.0000,
0.0000

184.5803,

199.1538, 164.1102

225.5468,
242.9605, 203.9807

■ 25.4064, 28.0617,
17.4420

■ 25.4064, 28.0617,
17.4420

■ 24.4986, 27.3728,
13.6654

■ 26.4541, 28.8123,
21.9368

■ 23.7213, 26.7390,
10.5678

■ 27.6461, 29.6235,
27.1830

■ 23.0675, 26.1584,
8.1084

■ 28.9894, 30.4990,
33.2138

■ 22.5284, 25.6275,
6.2420

■ 30.4897, 31.4413,
40.0599

■ 22.0944, 25.1424,
4.9168

■ 32.1527, 32.4524,
47.7502

■ 21.7539, 24.6985,
4.0727

■ 33.9835, 33.5346,
56.3125

■ 21.4777, 24.2840,
3.5553

■ 35.9871, 34.6899,
65.7730

■ 21.4777, 24.2839,
3.5553

■ 38.1685, 35.9201,
76.1571

■ 40.5321, 37.2272,
87.4889

Harmonies

Analogous

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



28.3187, 28.0617, 17.6159



25.4064, 28.0617, 17.4420



23.0118, 28.0617, 20.2922

Triad

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



25.4064, 28.0617, 17.4420



22.7948, 28.0617, 42.9293



32.4076, 28.0617, 35.4141

Complementary

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



25.4064, 28.0617, 17.4420



16.7994, 16.1423, 31.0847

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.



30.7006, 28.0617, 43.7982



25.4064, 28.0617, 17.4420



25.0900, 28.0617, 48.6491

Square

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



25.4064, 28.0617, 17.4420



21.5798, 28.0617, 34.3873



27.9785, 28.0617, 48.9933



32.5078, 28.0617, 27.0175

Rectangle

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



25.4064, 28.0617, 17.4420



21.9726, 28.0617, 23.8866



27.9785, 28.0617, 48.9933



31.9973, 28.0617, 38.3602

Sweetspot

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



25.4071, 28.0630, 17.4426



48.9736, 52.4012, 48.7935



20.4169, 17.7025, 16.9507



10.7872, 11.5689, 10.5196



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.



25.4071, 28.0630, 17.4426



43.7356, 48.6961, 26.1736



22.9722, 27.7384, 17.5083



6.2219, 6.6575, 6.1976



17.8249, 20.1642, 2.9526



0.2286, 0.2676, 0.0396

Inverse Universe

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



16.7994, 16.1423, 31.0847



26.0450, 24.1997, 54.2195



18.7253, 16.5165, 31.0554



5.5385, 5.7109, 7.2801



4.7000, 2.0949, 24.0877



0.0657, 0.0420, 0.2976

Previews

White Background



This preview shows how the XYZ color 25.4064, 28.0617, 17.4420 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 25.4064, 28.0617, 17.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

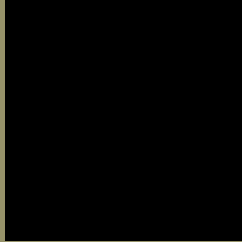
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4064, 28.0617, 17.4420

Background



This preview shows how black text looks on a background with the XYZ color 25.4064, 28.0617, 17.4420.



This preview shows how white text looks on a background with the XYZ color 25.4064, 28.0617,

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

25.4064, 28.0617, 17.4420

Protanopia

25.9895, 27.9146, 17.1150

Deuteranopia

28.5369, 27.8964, 17.7904



Tritanopia

28.6743, 28.0585, 33.1827

Trichromacy



Original Color

25.4064, 28.0617, 17.4420

Protanomaly

25.7610, 28.0226, 17.1479

Deuteranomaly

27.2307, 27.8769, 17.5812

Tritanomaly

27.3025, 27.9373, 26.5077

Monochromacy



Original Color

25.4064, 28.0617, 17.4420

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7898, 27.6425, 24.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4064, 28.0617, 17.4420 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(150, 146, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 146, 105)  
}
```

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(150, 146, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 146, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.4064, 28.0617, 17.4420 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(150, 146, 105) }
```


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

```
.border{ border-color:rgb(150, 146, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 146, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 146, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 146, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 146,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4064, 28.0617, 17.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 146, 105) }
```

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

```
.background{ background-color: rgb(150,  
146, 105) }
```

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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