

Converting Colors

XYZ(24.7818, 28.9416, 10.2664)

Have a look what the booklet for
XYZ(24.7818, 28.9416, 10.2664)
contains.

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Color

**XYZ(24.6214, 28.7517,
10.2132)**

Conversions

Conversions Part 1

Format	Color
Hex	969647
RGB	150, 150, 71
RGB Percent	59%, 59%, 28%
CMY	0.4118, 0.4117, 0.7216
CMYK	0.00, 0.00, 0.53, 0.41
HSL	60°, 36%, 43%
HSV	60°, 53%, 59%
XYZ	24.6214, 28.7517, 10.2132
YIQ	140.9940, 25.3590, -24.5690

Conversions

Conversions Part 2

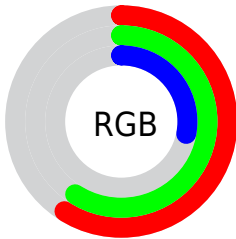
Format	Color
RYB	71, 150, 71
Decimal	9868871
CIELab	60.56, -11.27, 41.13
CIELCh	61, 42.648, 105.329
Yxy	28.7517, 0.3872, 0.4522
Android (android.graphics.Color)	4288058951 (0xFF969647)
YUV	140.9940, -34.5070, 7.8983
Hunter-Lab	53.6206, -11.8728, 26.2414

Details

The XYZ color **24.6214, 28.7517, 10.2132** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.3578, 8.0488, 29.8636**, and the grayscale version is **25.4398, 26.7647, 29.1468**.

A 20% lighter version of the original color is **50.5593, 57.7127, 26.8873**, and **9.5270, 11.5192, 2.4308** is the 20% darker color. If you saturate the color by 10%, you get **24.1984, 28.5835, 7.9834**, and if you desaturate by 10%, it is **25.1647, 28.9701, 13.0701**.

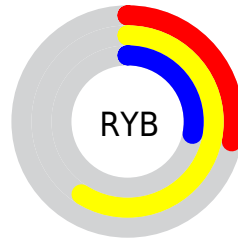
Distribution



Red (59%)

Green (59%)

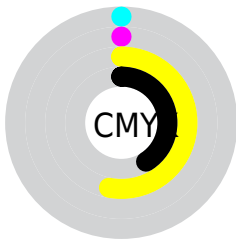
Blue (28%)



Red (28%)

Yellow (59%)

Blue (28%)

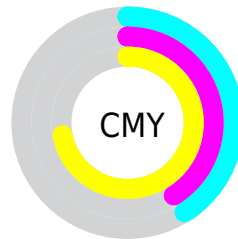


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6214, 28.7517, 10.2132 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 24.6214, 28.7517, 10.2132 by changing the saturation by 10% instead.

■ 24.6214, 28.7517,
10.2132

■ 24.6214, 28.7517,
10.2132

268.3298,
296.0416, 202.7268

■ 15.9224, 18.8931,
5.4331

■ 50.4897, 57.6824,
26.8098

■ 9.5598, 11.5930,
2.4404

■ 68.3897, 77.5232,
39.4634

■ 5.1681, 6.4672,
0.8083

■ 90.0875, 101.4601,
55.5785

■ 2.3820, 3.1312,
0.0000

■ 115.9483,
129.8777, 75.5738

■ 0.8361, 1.2006,
0.0000

■ 146.3376,
163.1602, 99.8677

■ 0.0000, 0.0622,
0.0000

181.6207,

■ 0.0000, 0.0000,

201.6921, 128.8788

0.0000

222.1630,
245.8578, 163.0257

■ 24.6214, 28.7517,
10.2132

■ 24.6214, 28.7517,
10.2132

■ 24.1984, 28.5835,
7.9834

■ 25.1647, 28.9701,
13.0701

■ 23.8846, 28.4580,
6.3320

■ 25.8341, 29.2379,
16.5946

■ 23.6707, 28.3724,
5.2062

■ 26.6377, 29.5593,
20.8257

■ 23.5445, 28.3219,
4.5424

■ 27.5823, 29.9372,
25.7989

■ 23.4840, 28.2977,
4.2243

■ 28.6741, 30.3739,
31.5474

■ 29.9190, 30.8719,
38.1024

■ 31.3227, 31.4334,
45.4934

■ 32.8905, 32.0605,
53.7483

■ 34.6274, 32.7553,
62.8938

Harmonies

Analogous

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



30.0999, 28.7517, 10.1706



24.6214, 28.7517, 10.2132



20.4643, 28.7517, 14.4518

Triad

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



24.6214, 28.7517, 10.2132



20.5352, 28.7517, 58.2220



38.9120, 28.7517, 39.6370

Complementary

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



24.6214, 28.7517, 10.2132



10.3578, 8.0488, 29.8636

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.



35.5759, 28.7517, 57.8506



24.6214, 28.7517, 10.2132



24.7311, 28.7517, 70.7900

Square

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



24.6214, 28.7517, 10.2132



18.3302, 28.7517, 40.0317



30.2252, 28.7517, 70.6349



38.8722, 28.7517, 23.9500

Rectangle

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



24.6214, 28.7517, 10.2132



18.7862, 28.7517, 20.2713



30.2252, 28.7517, 70.6349



38.1304, 28.7517, 45.7563

Sweetspot

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



24.6221, 28.7530, 10.2138



48.0359, 52.5742, 42.1688



15.9692, 11.4462, 7.3293



10.5772, 11.6239, 8.9861



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.



24.6221, 28.7530, 10.2138



42.6026, 50.4007, 13.5636



18.5376, 25.6164, 9.9290



6.2654, 6.7447, 6.2121



19.4759, 23.4681, 3.5033



0.2384, 0.2872, 0.0429

Inverse Universe

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



10.3578, 8.0488, 29.8636



14.6647, 9.8496, 52.0495



14.2520, 10.0563, 30.0458



5.4995, 5.6330, 7.2672



4.5658, 1.8263, 24.0429



0.0559, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 24.6214, 28.7517, 10.2132 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 24.6214, 28.7517, 10.2132 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 24.6214, 28.7517, 10.2132

Background



This preview shows how black text looks on a background with the XYZ color 24.6214, 28.7517, 10.2132.



This preview shows how white text looks on a background with the XYZ color 24.6214, 28.7517,

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

24.6214, 28.7517, 10.2132

Protanopia

26.2847, 28.6813, 9.9451

Deuteranopia

29.0591, 28.5434, 10.4564



Tritanopia

29.2929, 28.5859, 33.6795

Trichromacy



Original Color

24.6214, 28.7517, 10.2132

Protanomaly

25.6398, 28.5787, 9.9592

Deuteranomaly

27.1735, 28.4508, 10.3627

Tritanomaly

27.0660, 28.3451, 22.7835

Monochromacy



Original Color

24.6214, 28.7517, 10.2132

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6272, 27.1368, 20.4629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6214, 28.7517, 10.2132 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, 150, 71)` looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 71)  
}
```

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, 150, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 71) }
```

Border

The CSS property to change the border of an element to XYZ 24.6214, 28.7517, 10.2132 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, 150, 71) }
```


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

```
.border{ border-color:rgb(150, 150, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 71);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6214, 28.7517, 10.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 71) }
```

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

```
.background{ background-color: rgb(150,  
150, 71) }
```

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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