

Converting Colors

XYZ(25.5710, 28.5440, 4.6642)

Have a look what the booklet for
XYZ(25.5710, 28.5440, 4.6642)
contains.

XYZ(25.6315, 28.6914, 4.6773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6315, 28.6914,
4.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	A39310
RGB	163, 147, 16
RGB Percent	64%, 58%, 6%
CMY	0.3608, 0.4235, 0.9372
CMYK	0.00, 0.10, 0.90, 0.36
HSL	53°, 82%, 35%
HSV	53°, 90%, 64%
XYZ	25.6315, 28.6914, 4.6773
YIQ	136.8500, 51.5870, -37.3490

Conversions

Conversions Part 2

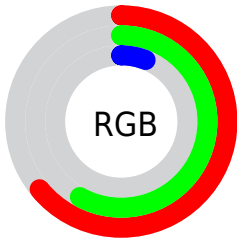
Format	Color
R _Y B	34, 163, 16
Decimal	10720016
CIE Lab	60.51, -6.74, 61.87
CIE LCh	61, 62.233, 96.220
Yxy	28.6914, 0.4344, 0.4863
Android (android.graphics.Color)	4288910096 (0xFFA39310)
YUV	136.8500, -59.5791, 22.9335
Hunter-Lab	53.5644, -8.3222, 32.3178

Details

The XYZ color **25.6315, 28.6914, 4.6773** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.3413, 3.7878, 34.9942**, and the grayscale version is **23.9265, 25.1726, 27.4129**.

A 20% lighter version of the original color is **52.0806, 57.6955, 15.5991**, and **10.3381, 11.6752, 1.7087** is the 20% darker color. If you saturate the color by 10%, you get **25.2697, 28.1176, 4.0954**, and if you desaturate by 10%, it is **26.0815, 29.3172, 5.6728**.

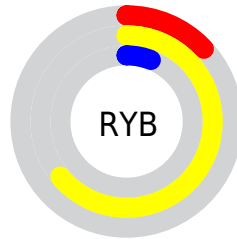
Distribution



Red (64%)

Green (58%)

Blue (6%)



Red (13%)

Yellow (64%)

Blue (6%)

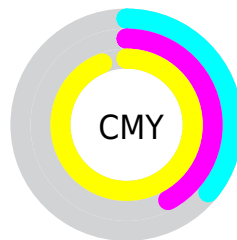


Cyan (0%)

Magenta (10%)

Yellow (90%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6315, 28.6914, 4.6773 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 25.6315, 28.6914, 4.6773 by changing the saturation by 10% instead.

■ 25.6315, 28.6914,
4.6773

■ 25.6315, 28.6914,
4.6773

273.2584,
295.7561, 155.4798

■ 16.6794, 18.8475,
2.0038

■ 52.1154, 57.5864,
15.5439

■ 10.1001, 11.5601,
0.5576

■ 70.3779, 77.4063,
24.5741

■ 5.5281, 6.4449,
0.0000

■ 92.4746, 101.3203,
36.5603

■ 2.5982, 3.1175,
0.0000

■ 118.7709,
129.7129, 51.9210

■ 0.9451, 1.1934,
0.0000

■ 149.6320,
162.9683, 71.0748

■ 0.0000, 0.0563,
0.0000

■ 185.4234,

■ 0.0000, 0.0000,

201.4711, 94.4401

0.0000

226.5104,
245.6056, 122.4356

25.6315, 28.6914,
4.6773

25.6315, 28.6914,
4.6773

25.2697, 28.1176,
4.0954

26.0815, 29.3172,
5.6728

26.6449, 29.9942,
7.2478

27.3368, 30.7294,
9.4778

28.1692, 31.5277,
12.4265

29.1528, 32.3934,
16.1501

■ 30.2972, 33.3304,
20.6992

■ 31.6112, 34.3422,
26.1200

■ 33.1031, 35.4321,
32.4555

■ 34.7803, 36.6033,
39.7456

Harmonies

Analogous

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



33.9812, 28.6914, 5.7331



25.6315, 28.6914, 4.6773



19.1272, 28.6914, 7.4235

Triad

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



25.6315, 28.6914, 4.6773



16.6152, 28.6914, 65.3263



43.9784, 28.6914, 52.6751

Complementary

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



25.6315, 28.6914, 4.6773



7.3413, 3.7878, 34.9942

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.



37.4479, 28.6914, 82.2096



25.6315, 28.6914, 4.6773



21.5068, 28.6914, 91.6833

Square

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



25.6315, 28.6914, 4.6773



14.6218, 28.6914, 36.2799



28.9775, 28.6914, 99.0324



45.6773, 28.6914, 26.6900

Rectangle

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



25.6315, 28.6914, 4.6773



16.3456, 28.6914, 12.5411



28.9775, 28.6914, 99.0324



42.2206, 28.6914, 62.8361

Sweetspot

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



25.6321, 28.6928, 4.6779



54.8602, 60.1645, 39.5141



15.5663, 8.2680, 2.2259



12.1595, 13.3852, 8.2162



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.6321, 28.6928, 4.6779



45.1664, 50.1767, 7.3046



19.2124, 29.3359, 5.1404



7.5833, 8.1050, 7.5448



19.6596, 21.8931, 3.1896



0.4306, 0.4950, 0.0729

Inverse Universe

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



7.3413, 3.7878, 34.9942



12.1466, 5.3498, 62.4485



9.4953, 4.4066, 35.0001



6.7597, 6.9783, 8.8937



5.3205, 2.4203, 27.1165



0.1290, 0.0853, 0.5755

Previews

White Background



This preview shows how the XYZ color 25.6315, 28.6914, 4.6773 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 25.6315, 28.6914, 4.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

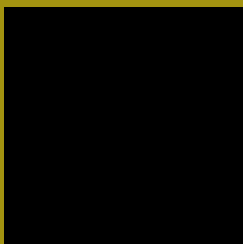
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

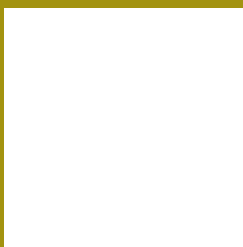
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6315, 28.6914, 4.6773

Background



This preview shows how black text looks on a background with the XYZ color 25.6315, 28.6914, 4.6773.



This preview shows how white text looks on a background with the XYZ color 25.6315, 28.6914,

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

25.6315, 28.6914, 4.6773

Protanopia

25.8895, 28.5945, 4.6450

Deuteranopia

29.0205, 28.4333, 4.8228



Tritanopia

31.2254, 28.7686, 31.5109

Trichromacy



Original Color

25.6315, 28.6914, 4.6773

Protanomaly

25.6823, 28.4877, 4.6353

Deuteranomaly

27.5647, 28.3340, 4.7257

Tritanomaly

28.1392, 28.3856, 15.8003

Monochromacy



Original Color

25.6315, 28.6914, 4.6773

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3547, 25.9511, 14.1341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6315, 28.6914, 4.6773 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(163, 147, 16)` looks like.

```
.text, #text, p{  
    color:rgb(163, 147, 16)  
}
```

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(163, 147, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 147, 16) }
```

Border

The CSS property to change the border of an element to XYZ 25.6315, 28.6914, 4.6773 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(163, 147, 16) }
```


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

```
.border{ border-color:rgb(163, 147, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 147, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 147, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 147, 16);  
box-shadow:4px 4px 4px 4px rgb(163, 147,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6315, 28.6914, 4.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 147, 16) }
```

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

```
.background{ background-color: rgb(163,  
147, 16) }
```

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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