

Converting Colors

XYZ(28.1573, 36.8131, 5.6216)

Have a look what the booklet for
XYZ(28.1573, 36.8131, 5.6216)
contains.

XYZ(28.0804, 36.6594, 5.5960)	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(28.0804, 36.6594,
5.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	99AD00
RGB	153, 173, 0
RGB Percent	60%, 68%, 0%
CMY	0.4000, 0.3216, 0.9999
CMYK	0.12, 0.00, 1.00, 0.32
HSL	67°, 100%, 34%
HSV	67°, 100%, 68%
XYZ	28.0804, 36.6594, 5.5960
YIQ	147.2980, 43.6130, -58.0430

Conversions

Conversions Part 2

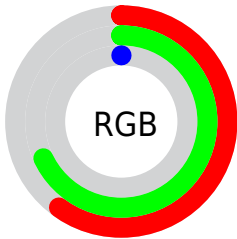
Format	Color
RYB	0, 173, 20
Decimal	10071296
CIELab	67.02, -24.84, 68.78
CIELCh	67, 73.127, 109.855
Yxy	36.6594, 0.3992, 0.5212
Android (android.graphics.Color)	4288261376 (0xFF99AD00)
YUV	147.2980, -72.6179, 5.0007
Hunter-Lab	60.5470, -23.1728, 36.9031

Details

The XYZ color **28.0804, 36.6594, 5.5960** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.8324, 3.1666, 39.7358**, and the grayscale version is **28.1372, 29.6025, 32.2372**.

A 20% lighter version of the original color is **55.9469, 69.8715, 17.5590**, and **11.7671, 16.2161, 2.5098** is the 20% darker color. If you saturate the color by 10%, you get **28.0808, 36.6608, 5.5962**, and if you desaturate by 10%, it is **28.5657, 36.8988, 6.1601**.

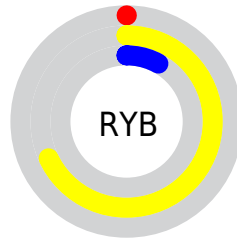
Distribution



Red (60%)

Green (68%)

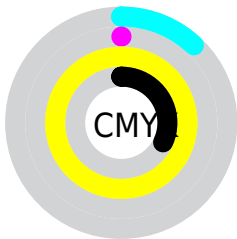
Blue (0%)



Red (0%)

Yellow (68%)

Blue (8%)

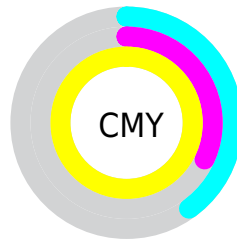


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0804, 36.6594, 5.5960 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 28.0804, 36.6594, 5.5960 by changing the saturation by 10% instead.

■ 28.0804, 36.6594,
5.5960

■ 28.0804, 36.6594,
5.5960

284.9240,
331.8336, 164.5882

■ 18.5270, 24.9439,
2.5362

■ 56.0205, 70.0486,
17.5494

■ 11.4310, 16.0353,
0.8593

■ 75.1380, 92.4911,
27.2801

■ 6.4269, 9.5491,
0.0000

■ 98.1742, 119.2781,
40.0715

■ 3.1495, 5.1010,
0.0000

■ 125.4945,
150.7939, 56.3421

■ 1.2333, 2.3067,
0.0000

■ 157.4643,
187.4230, 76.5106

■ 0.1324, 0.7772,
0.0000

■ 194.4489,

■ 0.0000, 0.0000,

229.5497, 100.9954

0.0000

236.8137,
277.5584, 130.2151

28.0804, 36.6594,
5.5960

28.0804, 36.6594,
5.5960

28.0808, 36.6608,
5.5962

28.5657, 36.8988,
6.1601

29.1469, 37.1761,
7.2001

29.8608, 37.5071,
8.9050

30.7238, 37.8985,
11.3618

31.7500, 38.3559,
14.6443

■ 32.9518, 38.8843,
18.8175

■ 34.3402, 39.4882,
23.9400

■ 35.9256, 40.1716,
30.0653

■ 37.7174, 40.9382,
37.2429

Harmonies

Analogous

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



38.7432, 36.6594, 4.9034



28.0804, 36.6594, 5.5960



20.9328, 36.6594, 12.0388

Triad

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



28.0804, 36.6594, 5.5960



22.8065, 36.6594, 107.3203



60.3842, 36.6594, 51.6900

Complementary

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



28.0804, 36.6594, 5.5960



7.8324, 3.1666, 39.7358

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.



53.8560, 36.6594, 93.7752



28.0804, 36.6594, 5.5960



31.2150, 36.6594, 135.4968

Square

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



28.0804, 36.6594, 5.5960



18.3666, 36.6594, 64.5080



42.6140, 36.6594, 129.5326



59.0439, 36.6594, 22.5344

Rectangle

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



28.0804, 36.6594, 5.5960



18.3907, 36.6594, 22.3365



42.6140, 36.6594, 129.5326



58.9915, 36.6594, 64.9090

Sweetspot

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



28.0812, 36.6611, 5.5968



61.3568, 70.6564, 42.3383



17.4400, 9.2955, 0.8755



13.1069, 15.2566, 8.3521



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.0812, 36.6611, 5.5968



50.1706, 65.5935, 10.0165



17.4138, 31.1618, 5.0975



8.5701, 9.2825, 8.5534



20.6592, 26.9473, 4.1125



0.6000, 0.7627, 0.1156

Inverse Universe

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



7.8324, 3.1666, 39.7358



13.9336, 5.6225, 71.1566



13.2303, 5.9494, 39.9884



7.6618, 7.7999, 10.0544



5.7797, 2.3394, 29.1914



0.1874, 0.0788, 0.8133

Previews

White Background



This preview shows how the XYZ color 28.0804, 36.6594, 5.5960 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.0804, 36.6594, 5.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

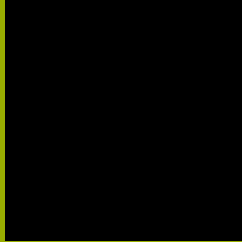
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0804, 36.6594, 5.5960

Background



This preview shows how black text looks on a background with the XYZ color 28.0804, 36.6594, 5.5960.

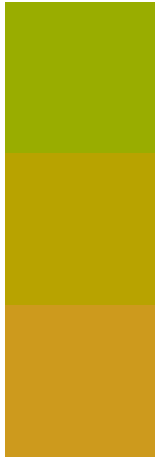


This preview shows how white text looks on a background with the XYZ color 28.0804, 36.6594,

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

28.0804, 36.6594, 5.5960

Protanopia

32.8644, 36.3847, 5.2908

Deuteranopia

36.9542, 36.1790, 6.1980



Tritanopia

36.0136, 36.6139, 44.7042

Trichromacy



Original Color

28.0804, 36.6594, 5.5960

Protanomaly

31.0523, 36.5217, 5.4128

Deuteranomaly

33.1038, 35.9725, 5.7709

Tritanomaly

30.9675, 35.6131, 19.9937

Monochromacy



Original Color

28.0804, 36.6594, 5.5960

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.3033, 30.9746, 15.1820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0804, 36.6594, 5.5960 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(153, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 0)  
}
```

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(153, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.0804, 36.6594, 5.5960 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(153, 173, 0) }
```


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

```
.border{ border-color:rgb(153, 173, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 173, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0804, 36.6594, 5.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 0) }
```

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

```
.background{ background-color: rgb(153,  
173, 0) }
```

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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