

Converting Colors

XYZ(28.6764, 35.6487, 7.0052)

Have a look what the booklet for
XYZ(28.6764, 35.6487, 7.0052)
contains.

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Color

**XYZ(28.6191, 35.5036,
7.0136)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA824
RGB	159, 168, 36
RGB Percent	62%, 66%, 14%
CMY	0.3765, 0.3412, 0.8588
CMYK	0.05, 0.00, 0.79, 0.34
HSL	64°, 65%, 40%
HSV	64°, 79%, 66%
XYZ	28.6191, 35.5036, 7.0136
YIQ	150.2610, 37.0080, -42.9600

Conversions

Conversions Part 2

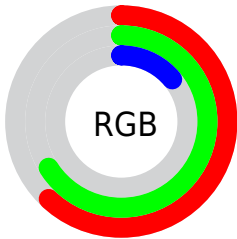
Format	Color
R_{YB}	36, 168, 45
Decimal	10463268
CIE _{Lab}	66.14, -18.92, 61.45
CIE _{LCh}	66, 64.293, 107.114
Yxy	35.5036, 0.4023, 0.4991
Android (android.graphics.Color)	4288653348 (0xFF9FA824)
YUV	150.2610, -56.3307, 7.6641
Hunter-Lab	59.5849, -18.5386, 34.7305

Details

The XYZ color **28.6191, 35.5036, 7.0136** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.7821, 4.6476, 37.4823**, and the grayscale version is **29.3223, 30.8494, 33.5950**.

A 20% lighter version of the original color is **56.9787, 68.3174, 20.5394**, and **11.9543, 15.4338, 2.3490** is the 20% darker color. If you saturate the color by 10%, you get **28.1944, 35.3089, 5.9546**, and if you desaturate by 10%, it is **29.1679, 35.7508, 8.7082**.

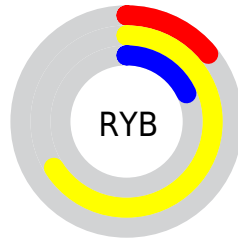
Distribution



Red (62%)

Green (66%)

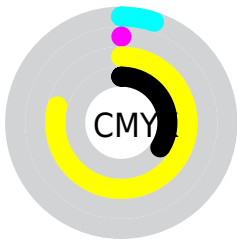
Blue (14%)



Red (14%)

Yellow (66%)

Blue (18%)

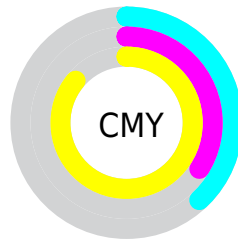


Cyan (5%)

Magenta (0%)

Yellow (79%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6191, 35.5036, 7.0136 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 28.6191, 35.5036, 7.0136 by changing the saturation by 10% instead.

■ 28.6191, 35.5036,
7.0136

■ 28.6191, 35.5036,
7.0136

287.4402,
326.7856, 177.4119

■ 18.9357, 24.0511,
3.3920

■ 56.8731, 68.2652,
20.5139

■ 11.7276, 15.3715,
1.2981

■ 76.1744, 90.3430,
31.2297

■ 6.6293, 9.0805,
0.0603

■ 99.4125, 116.7314,
45.1474

■ 3.2756, 4.7937,
0.0000

■ 126.9525,
147.8148, 62.6854

■ 1.3011, 2.1268,
0.0000

■ 159.1600,
183.9775, 84.2623

■ 0.1841, 0.6796,
0.0000

■ 196.4002,

■ 0.0000, 0.0000,

225.6039, 110.2966

0.0000

239.0385,
273.0785, 141.2070

■ 28.6191, 35.5036,
7.0136

■ 28.6191, 35.5036,
7.0136

■ 28.1944, 35.3089,
5.9546

■ 29.1679, 35.7508,
8.7082

■ 27.8641, 35.1509,
5.3853

■ 29.8534, 36.0516,
11.1148

■ 27.8190, 35.1292,
5.3144

■ 30.6891, 36.4128,
14.3013

■ 31.6862, 36.8388,
18.3274

■ 32.8552, 37.3337,
23.2465

■ 34.2051, 37.9013,
29.1080

■ 35.7449, 38.5450,
35.9576

■ 37.4825, 39.2682,
43.8379

■ 39.4256, 40.0738,
52.7890

Harmonies

Analogous

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



38.0132, 35.5036, 6.6963



28.6191, 35.5036, 7.0136



21.9878, 35.5036, 12.7569

Triad

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



28.6191, 35.5036, 7.0136



22.7166, 35.5036, 91.4902



55.0257, 35.5036, 51.6277

Complementary

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



28.6191, 35.5036, 7.0136



8.7821, 4.6476, 37.4823

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.



49.0870, 35.5036, 86.6981



28.6191, 35.5036, 7.0136



29.8091, 35.5036, 116.0463

Square

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



28.6191, 35.5036, 7.0136



19.0481, 35.5036, 56.3132



39.4493, 35.5036, 113.9666



54.5407, 35.5036, 25.1414

Rectangle

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



28.6191, 35.5036, 7.0136



19.4839, 35.5036, 21.5842



39.4493, 35.5036, 113.9666



53.6734, 35.5036, 62.9606

Sweetspot

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



28.6199, 35.5052, 7.0143



60.5873, 68.1521, 46.3599



17.3990, 10.3148, 2.7435



13.0294, 14.7801, 9.3460



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.6199, 35.5052, 7.0143



50.7255, 63.8619, 10.0392



18.8571, 30.4723, 6.5574



8.0956, 8.7474, 8.0510



21.0240, 26.5355, 4.0138



0.5260, 0.6531, 0.0983

Inverse Universe

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



8.7821, 4.6476, 37.4823



13.4296, 5.6582, 67.6094



14.2305, 7.4564, 37.7373



7.1774, 7.3241, 9.4537



5.4637, 2.2001, 28.1122



0.1473, 0.0609, 0.6846

Previews

White Background



This preview shows how the XYZ color 28.6191, 35.5036, 7.0136 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 28.6191, 35.5036, 7.0136 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 28.6191, 35.5036, 7.0136

Background



This preview shows how black text looks on a background with the XYZ color 28.6191, 35.5036, 7.0136.



This preview shows how white text looks on a background with the XYZ color 28.6191, 35.5036,

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

28.6191, 35.5036, 7.0136

Protanopia

32.0897, 35.4290, 6.6605

Deuteranopia

36.0400, 35.1949, 7.2767



Tritanopia

35.6275, 35.1876, 42.4502

Trichromacy



Original Color

28.6191, 35.5036, 7.0136

Protanomaly

30.8124, 35.5565, 6.8292

Deuteranomaly

32.8768, 35.0529, 7.1309

Tritanomaly

31.7479, 34.6291, 23.0999

Monochromacy



Original Color

28.6191, 35.5036, 7.0136

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9542, 31.9904, 19.1694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6191, 35.5036, 7.0136 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(159, 168, 36)` looks like.

```
.text, #text, p{  
    color:rgb(159, 168, 36)  
}
```

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(159, 168, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 168, 36) }
```

Border

The CSS property to change the border of an element to XYZ 28.6191, 35.5036, 7.0136 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(159, 168, 36) }
```


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

```
.border{ border-color:rgb(159, 168, 36) }
```

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

Here you see how a box with a 4 pixel rgb(159, 168, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 168, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 168, 36);  
box-shadow:4px 4px 4px 4px rgb(159, 168,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6191, 35.5036, 7.0136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 168, 36) }
```

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

```
.background{ background-color: rgb(159,  
168, 36) }
```

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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