

Converting Colors

XYZ(24.2027, 28.9039, 4.3034)

Have a look what the booklet for
XYZ(24.2027, 28.9039, 4.3034)
contains.

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Color

**XYZ(24.2035, 28.9055,
4.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	999700
RGB	153, 151, 0
RGB Percent	60%, 59%, 0%
CMY	0.4000, 0.4078, 0.9999
CMYK	0.00, 0.01, 1.00, 0.40
HSL	59°, 100%, 30%
HSV	59°, 100%, 60%
XYZ	24.2035, 28.9055, 4.3037
YIQ	134.3840, 49.6630, -46.5370

Conversions

Conversions Part 2

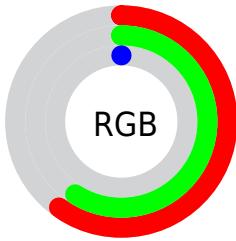
Format	Color
R_{YB}	2, 153, 0
Decimal	10065664
CIE Lab	60.70, -13.68, 64.11
CIE LCh	61, 65.553, 102.041
Yxy	28.9055, 0.4216, 0.5035
Android (android.graphics.Color)	4288255744 (0xFF999700)
YUV	134.3840, -66.2513, 16.3262
Hunter-Lab	53.7638, -13.7293, 32.8886

Details

The XYZ color **24.2035, 28.9055, 4.3037** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.7717, 2.3436, 30.2850**, and the grayscale version is **23.0266, 24.2257, 26.3818**.

A 20% lighter version of the original color is **49.8650, 57.9794, 14.6939**, and **9.5942, 11.7110, 1.7548** is the 20% darker color. If you saturate the color by 10%, you get **24.2040, 28.9068, 4.3039**, and if you desaturate by 10%, it is **24.3247, 29.0065, 4.7805**.

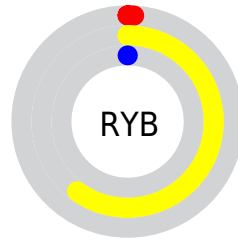
Distribution



Red (60%)

Green (59%)

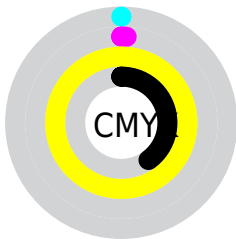
Blue (0%)



Red (1%)

Yellow (60%)

Blue (0%)

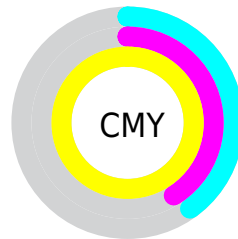


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2035, 28.9055, 4.3037 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 24.2035, 28.9055, 4.3037 by changing the saturation by 10% instead.

■ 24.2035, 28.9055,
4.3037

■ 24.2035, 28.9055,
4.3037

266.2691,
296.7688, 151.5434

■ 15.6102, 19.0093,
1.7934

■ 49.8143, 57.9269,
14.7043

■ 9.3378, 11.6770,
0.4236

■ 67.5626, 77.8210,
23.4317

■ 5.0211, 6.5242,
0.0000

■ 89.0932, 101.8164,
35.0686

■ 2.2945, 3.1663,
0.0000

■ 114.7715,
130.2977, 50.0334

■ 0.7919, 1.2192,
0.0000

■ 144.9629,
163.6492, 68.7448

■ 0.0000, 0.0773,
0.0000

■ 180.0328,

■ 0.0000, 0.0000,

202.2553, 91.6212

0.0000

220.3464,
246.5003, 119.0813

24.2035, 28.9055,
4.3037

24.2035, 28.9055,
4.3037

24.2040, 28.9068,
4.3039

24.3247, 29.0065,
4.7805

24.5107, 29.1324,
5.6011

24.7921, 29.2966,
6.9240

25.1811, 29.5039,
8.8128

25.6878, 29.7584,
11.3215

■ 26.3214, 30.0637,
14.4982

■ 27.0901, 30.4231,
18.3857

■ 28.0013, 30.8396,
23.0238

■ 29.0621, 31.3161,
28.4491

Harmonies

Analogous

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



32.8273, 28.9055, 4.6443



24.2035, 28.9055, 4.3037



17.9184, 28.9055, 7.9393

Triad

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



24.2035, 28.9055, 4.3037



17.0360, 28.9055, 74.3735



46.1375, 28.9055, 48.2231

Complementary

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



24.2035, 28.9055, 4.3037



5.7717, 2.3436, 30.2850

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.



39.9358, 28.9055, 80.6015



24.2035, 28.9055, 4.3037



22.7365, 28.9055, 100.2949

Square

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



24.2035, 28.9055, 4.3037



14.3895, 28.9055, 42.2820



31.0262, 28.9055, 103.0276



46.7573, 28.9055, 22.6839

Rectangle

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



24.2035, 28.9055, 4.3037



15.4189, 28.9055, 14.2340



31.0262, 28.9055, 103.0276



44.5853, 28.9055, 58.9124

Sweetspot

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



24.2042, 28.9069, 4.3043



48.4256, 54.4431, 32.4706



13.1510, 6.7782, 0.6888



10.5706, 11.9647, 6.5504



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2042, 28.9069, 4.3043



43.3356, 51.7463, 7.7040



14.6204, 24.4471, 3.9486



6.7020, 7.2091, 6.6441



20.0063, 23.8951, 3.5578



0.3010, 0.3610, 0.0538

Inverse Universe

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



5.7717, 2.3436, 30.2850



10.3254, 4.1752, 54.2337



8.5706, 3.7543, 30.4098



5.8906, 6.0386, 7.7841



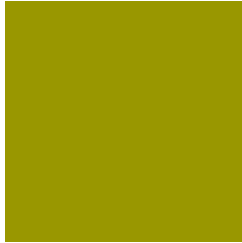
4.7719, 1.9405, 25.0308



0.0728, 0.0320, 0.3747

Previews

White Background



This preview shows how the XYZ color 24.2035, 28.9055, 4.3037 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 24.2035, 28.9055, 4.3037 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 24.2035, 28.9055, 4.3037

Background



This preview shows how black text looks on a background with the XYZ color 24.2035, 28.9055, 4.3037.



This preview shows how white text looks on a background with the XYZ color 24.2035, 28.9055,

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

24.2035, 28.9055, 4.3037

Protanopia

25.9508, 28.8668, 4.2041

Deuteranopia

29.3850, 28.8375, 4.7765



Tritanopia

30.0683, 28.7771, 33.2479

Trichromacy



Original Color

24.2035, 28.9055, 4.3037

Protanomaly

25.2878, 28.7569, 4.2178

Deuteranomaly

27.1353, 28.5609, 4.4981

Tritanomaly

26.3827, 28.1620, 15.1116

Monochromacy



Original Color

24.2035, 28.9055, 4.3037

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0023, 25.0748, 12.2746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2035, 28.9055, 4.3037 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, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 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, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.2035, 28.9055, 4.3037 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, 151, 0) }
```


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

```
.border{ border-color:rgb(153, 151, 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, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 151,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2035, 28.9055, 4.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 0) }
```

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

```
.background{ background-color: rgb(153,  
151, 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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