

Converting Colors

XYZ(28.5705, 34.0472, 6.5654)

Have a look what the booklet for
XYZ(28.5705, 34.0472, 6.5654)
contains.

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Color

**XYZ(28.6958, 34.2024,
6.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A322
RGB	164, 163, 34
RGB Percent	64%, 64%, 13%
CMY	0.3569, 0.3608, 0.8666
CMYK	0.00, 0.01, 0.79, 0.36
HSL	60°, 66%, 39%
HSV	60°, 79%, 64%
XYZ	28.6958, 34.2024, 6.6027
YIQ	148.5930, 42.0050, -39.9070

Conversions

Conversions Part 2

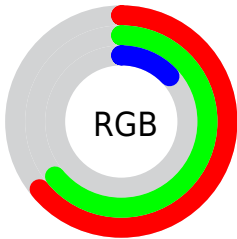
Format	Color
RYB	35, 164, 34
Decimal	10789666
CIELab	65.12, -14.24, 61.29
CIELCh	65, 62.925, 103.081
Yxy	34.2024, 0.4129, 0.4921
Android (android.graphics.Color)	4288979746 (0xFFA4A322)
YUV	148.5930, -56.4943, 13.5119
Hunter-Lab	58.4828, -14.7602, 34.2441

Details

The XYZ color **28.6958, 34.2024, 6.6027** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.9618, 4.2226, 35.5172**, and the grayscale version is **28.6143, 30.1045, 32.7838**.

A 20% lighter version of the original color is **57.0839, 66.4277, 19.7107**, and **11.9785, 14.7765, 2.2208** is the 20% darker color. If you saturate the color by 10%, you get **28.4915, 34.0863, 5.6332**, and if you desaturate by 10%, it is **29.0146, 34.3669, 8.1680**.

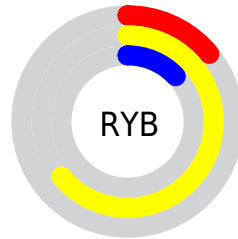
Distribution



Red (64%)

Green (64%)

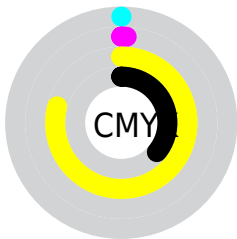
Blue (13%)



Red (14%)

Yellow (64%)

Blue (13%)

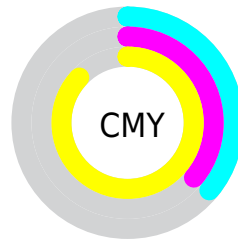


Cyan (0%)

Magenta (1%)

Yellow (79%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6958, 34.2024, 6.6027 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 28.6958, 34.2024, 6.6027 by changing the saturation by 10% instead.

■ 28.6958, 34.2024,
6.6027

■ 28.6958, 34.2024,
6.6027

287.7971,
321.0336, 173.8241

■ 18.9939, 23.0491,
3.1402

■ 56.9943, 66.2483,
19.6684

■ 11.7699, 14.6298,
1.1667

■ 76.3217, 87.9097,
30.1088

■ 6.6583, 8.5600,
0.0000

■ 99.5883, 113.8426,
43.7122

■ 3.2937, 4.4553,
0.0000

■ 127.1595,
144.4314, 60.8973

■ 1.3109, 1.9314,
0.0000

■ 159.4006,
180.0606, 82.0824

■ 0.1914, 0.5671,
0.0000

■ 196.6770,

■ 0.0000, 0.0000,

221.1144, 107.6862

0.0000

239.3541,
267.9772, 138.1273

■ 28.6958, 34.2024,
6.6027

■ 28.6958, 34.2024,
6.6027

■ 28.4915, 34.0863,
5.6332

■ 29.0146, 34.3669,
8.1680

■ 28.3698, 34.0020,
5.1024

■ 29.4597, 34.5806,
10.4018

■ 28.3616, 33.9961,
5.0671

■ 30.0440, 34.8501,
13.3686

■ 30.7783, 35.1796,
17.1250

■ 31.6722, 35.5730,
21.7218

■ 32.7346, 36.0338,
27.2056

■ 33.9737, 36.5654,
33.6198

■ 35.3971, 37.1707,
41.0046

■ 37.0121, 37.8526,
49.3982

Harmonies

Analogous

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



37.8880, 34.2024, 6.8815



28.6958, 34.2024, 6.6027



21.9340, 34.2024, 11.2712

Triad

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



28.6958, 34.2024, 6.6027



21.3009, 34.2024, 83.2019



52.3557, 34.2024, 53.8667

Complementary

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



28.6958, 34.2024, 6.6027



7.9618, 4.2226, 35.5172

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.



46.0296, 34.2024, 87.3364



28.6958, 34.2024, 6.6027



27.6637, 34.2024, 108.9950

Square

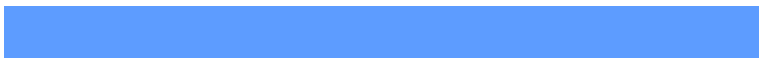
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.6958, 34.2024, 6.6027



18.2349, 34.2024, 49.8142



36.6445, 34.2024, 110.7874



52.7748, 34.2024, 26.9837

Rectangle

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



28.6958, 34.2024, 6.6027



19.2363, 34.2024, 18.8053



36.6445, 34.2024, 110.7874



50.8023, 34.2024, 64.9455

Sweetspot

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



28.6966, 34.2040, 6.6034



58.3798, 64.9584, 44.0140



16.2030, 9.1653, 2.5980



12.6247, 14.1411, 8.9091



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.



28.6966, 34.2040, 6.6034



51.5531, 61.7585, 9.5113



18.9500, 29.4428, 6.1981



7.6448, 8.2279, 7.5653



21.7481, 26.0701, 3.8858



0.4583, 0.5505, 0.0821

Inverse Universe

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



7.9618, 4.2226, 35.5172



12.4321, 5.2039, 64.1015



12.1853, 6.3571, 35.7066



6.7046, 6.8682, 8.8754



5.1499, 2.0793, 27.0597



0.1094, 0.0461, 0.5690

Previews

White Background



This preview shows how the XYZ color 28.6958, 34.2024, 6.6027 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 28.6958, 34.2024, 6.6027 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 28.6958, 34.2024, 6.6027

Background



This preview shows how black text looks on a background with the XYZ color 28.6958, 34.2024, 6.6027.



This preview shows how white text looks on a background with the XYZ color 28.6958, 34.2024,

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

28.6958, 34.2024, 6.6027

Protanopia

30.8615, 34.0285, 6.3804

Deuteranopia

34.8598, 34.1149, 6.8453



Tritanopia

35.3846, 34.1355, 39.8458

Trichromacy



Original Color

28.6958, 34.2024, 6.6027

Protanomaly

30.0789, 34.1357, 6.4424

Deuteranomaly

32.3209, 34.0217, 6.6971

Tritanomaly

31.6769, 33.6073, 21.6469

Monochromacy



Original Color

28.6958, 34.2024, 6.6027

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5359, 31.0428, 18.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6958, 34.2024, 6.6027 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(164, 163, 34)` looks like.

```
.text, #text, p{  
    color:rgb(164, 163, 34)  
}
```

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(164, 163, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 163, 34) }
```

Border

The CSS property to change the border of an element to XYZ 28.6958, 34.2024, 6.6027 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(164, 163, 34) }
```


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

```
.border{ border-color:rgb(164, 163, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 163, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 163, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 163, 34);  
box-shadow:4px 4px 4px 4px rgb(164, 163,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6958, 34.2024, 6.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 163, 34) }
```

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

```
.background{ background-color: rgb(164,  
163, 34) }
```

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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