

Converting Colors

XYZ(24.1724, 33.9413, 6.2864)

Have a look what the booklet for
XYZ(24.1724, 33.9413, 6.2864)
contains.

XYZ(24.2765, 34.1105, 6.3414)	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(24.2765, 34.1105,
6.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	84AB1B
RGB	132, 171, 27
RGB Percent	52%, 67%, 11%
CMY	0.4824, 0.3294, 0.8941
CMYK	0.23, 0.00, 0.84, 0.33
HSL	76°, 73%, 39%
HSV	76°, 84%, 67%
XYZ	24.2765, 34.1105, 6.3414
YIQ	142.9230, 22.9800, -53.0520

Conversions

Conversions Part 2

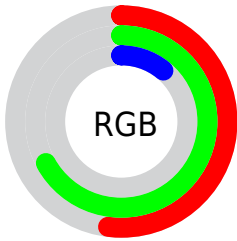
Format	Color
RYB	27, 171, 66
Decimal	8694555
CIELab	65.05, -32.12, 62.22
CIElCh	65, 70.017, 117.302
Yxy	34.1105, 0.3751, 0.5270
Android (android.graphics.Color)	4286884635 (0xFF84AB1B)
YUV	142.9230, -57.1500, -9.5795
Hunter-Lab	58.4042, -28.0114, 34.4454

Details

The XYZ color **24.2765, 34.1105, 6.3414** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.9908, 4.8833, 38.9461**, and the grayscale version is **26.2933, 27.6626, 30.1246**.

A 20% lighter version of the original color is **49.9029, 65.8996, 19.1066**, and **9.6574, 14.7714, 2.3422** is the 20% darker color. If you saturate the color by 10%, you get **23.4252, 33.6894, 5.5526**, and if you desaturate by 10%, it is **25.2766, 34.5973, 7.7393**.

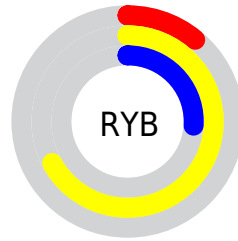
Distribution



Red (52%)

Green (67%)

Blue (11%)



Red (11%)

Yellow (67%)

Blue (26%)

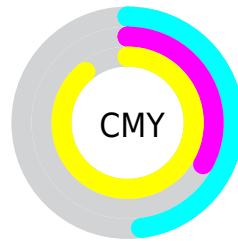


Cyan (23%)

Magenta (0%)

Yellow (84%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2765, 34.1105, 6.3414 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 24.2765, 34.1105, 6.3414 by changing the saturation by 10% instead.

■ 24.2765, 34.1105,
6.3414

■ 24.2765, 34.1105,
6.3414

266.6300,
320.6245, 171.4910

■ 15.6647, 22.9785,
2.9816

■ 49.9324, 66.1055,
19.1253

■ 9.3765, 14.5776,
1.0853

■ 67.7073, 87.7372,
29.3864

■ 5.0467, 8.5235,
0.0000

■ 89.2672, 113.6377,
42.7852

■ 2.3097, 4.4317,
0.0000

■ 114.9775,
144.1913, 59.7400

■ 0.7996, 1.9179,
0.0000

■ 145.2036,
179.7823, 80.6694

■ 0.0000, 0.5591,
0.0000

■ 180.3108,

■ 0.0000, 0.0000,

220.7953, 105.9921

0.0000

220.6645,
267.6146, 136.1264

■ 24.2765, 34.1105,
6.3414

■ 24.2765, 34.1105,
6.3414

■ 23.4252, 33.6894,
5.5526

■ 25.2766, 34.5973,
7.7393

■ 22.9751, 33.4636,
5.2482

■ 26.4410, 35.1524,
9.8359

■ 27.7855, 35.7833,
12.7084

■ 29.3229, 36.4952,
16.4231

■ 31.0650, 37.2930,
21.0395

■ 33.0224, 38.1807,
26.6114

■ 35.2049, 39.1625,
33.1885

■ 37.6216, 40.2420,
40.8172

■ 40.2811, 41.4227,
49.5408

Harmonies

Analogous

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



33.3472, 34.1105, 4.6289



24.2765, 34.1105, 6.3414



18.6279, 34.1105, 14.4085

Triad

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



24.2765, 34.1105, 6.3414



22.9895, 34.1105, 106.7146



56.0511, 34.1105, 39.8307

Complementary

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



24.2765, 34.1105, 6.3414



9.9908, 4.8833, 38.9461

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.



51.7476, 34.1105, 76.1985



24.2765, 34.1105, 6.3414



31.5121, 34.1105, 125.4728

Square

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



24.2765, 34.1105, 6.3414



18.0010, 34.1105, 69.0836



42.2094, 34.1105, 112.1140



53.0108, 34.1105, 16.9676

Rectangle

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



24.2765, 34.1105, 6.3414



16.8802, 34.1105, 26.1710



42.2094, 34.1105, 112.1140



55.3980, 34.1105, 50.8131

Sweetspot

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



24.2773, 34.1120, 6.3421



58.6838, 68.1708, 46.3284



18.9071, 12.5650, 2.4662



12.8138, 15.0788, 9.5448



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.



24.2773, 34.1120, 6.3421



40.9325, 59.8189, 9.3888



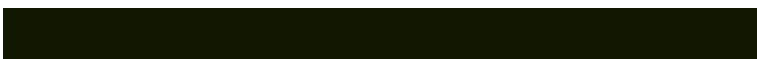
16.6620, 30.1862, 5.9857



8.4479, 9.2195, 8.5477



17.3711, 25.2522, 3.9586



0.5318, 0.7275, 0.1124

Inverse Universe

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



9.9908, 4.8833, 38.9461



15.0338, 6.2294, 69.4119



18.1262, 9.0773, 39.3268



7.7749, 7.8583, 10.0597



6.4459, 2.6829, 29.2226



0.2320, 0.1018, 0.8154

Previews

White Background



This preview shows how the XYZ color 24.2765, 34.1105, 6.3414 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 24.2765, 34.1105, 6.3414 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 24.2765, 34.1105, 6.3414

Background



This preview shows how black text looks on a background with the XYZ color 24.2765, 34.1105, 6.3414.



This preview shows how white text looks on a background with the XYZ color 24.2765, 34.1105,

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

24.2765, 34.1105, 6.3414

Protanopia

30.5130, 33.8627, 5.7386

Deuteranopia

34.4192, 33.6539, 6.6892



Tritanopia

31.8772, 33.9779, 43.9080

Trichromacy



Original Color

24.2765, 34.1105, 6.3414

Protanomaly

27.9600, 33.8374, 5.9218

Deuteranomaly

29.8159, 33.2340, 6.4334

Tritanomaly

27.5823, 33.2771, 22.4221

Monochromacy



Original Color

24.2765, 34.1105, 6.3414

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.3877, 29.2110, 16.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2765, 34.1105, 6.3414 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(132, 171, 27)` looks like.

```
.text, #text, p{  
    color:rgb(132, 171, 27)  
}
```

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(132, 171, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 171, 27) }
```

Border

The CSS property to change the border of an element to XYZ 24.2765, 34.1105, 6.3414 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(132, 171, 27) }
```


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

```
.border{ border-color:rgb(132, 171, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 171, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 171, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 171, 27);  
box-shadow:4px 4px 4px 4px rgb(132, 171,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2765, 34.1105, 6.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 171, 27) }
```

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

```
.background{ background-color: rgb(132,  
171, 27) }
```

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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