

Converting Colors

XYZ(25.9349, 36.3687, 7.8434)

Have a look what the booklet for
XYZ(25.9349, 36.3687, 7.8434)
contains.

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Color

**XYZ(25.9349, 36.3687,
7.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	87B02A
RGB	135, 176, 42
RGB Percent	53%, 69%, 16%
CMY	0.4706, 0.3098, 0.8353
CMYK	0.23, 0.00, 0.76, 0.31
HSL	78°, 61%, 43%
HSV	78°, 76%, 69%
XYZ	25.9349, 36.3687, 7.8434
YIQ	148.4650, 18.5780, -50.3660

Conversions

Conversions Part 2

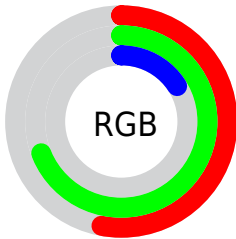
Format	Color
RYB	42, 176, 83
Decimal	8892458
CIELab	66.80, -32.60, 59.54
CIElCh	67, 67.881, 118.698
Yxy	36.3687, 0.3697, 0.5185
Android (android.graphics.Color)	4287082538 (0xFF87B02A)
YUV	148.4650, -52.4872, -11.8088
Hunter-Lab	60.3065, -28.7721, 34.5033

Details

The XYZ color **25.9349, 36.3687, 7.8434** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **12.2331, 6.6305, 41.7114**, and the grayscale version is **28.5511, 30.0379, 32.7113**.

A 20% lighter version of the original color is **52.7994, 69.8015, 22.2455**, and **10.3912, 15.8714, 2.5158** is the 20% darker color. If you saturate the color by 10%, you get **24.8420, 35.8352, 6.4940**, and if you desaturate by 10%, it is **27.2116, 36.9833, 9.9248**.

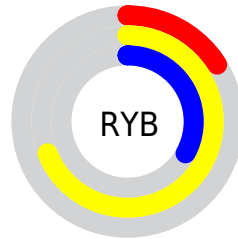
Distribution



Red (53%)

Green (69%)

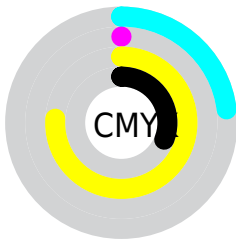
Blue (16%)



Red (16%)

Yellow (69%)

Blue (33%)

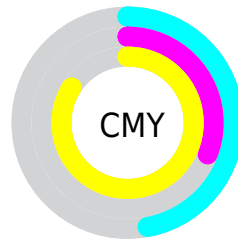


Cyan (23%)

Magenta (0%)

Yellow (76%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9349, 36.3687, 7.8434 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 25.9349, 36.3687, 7.8434 by changing the saturation by 10% instead.


 25.9349, 36.3687,
7.8434


 25.9349, 36.3687,
7.8434


274.7249,
330.5692, 184.3870


 16.9074, 24.7191,
3.9086


 52.6020, 69.6008,
22.1920

 10.2634, 15.8679,
1.5753


 70.9722, 91.9520,
33.4428

 5.6375, 9.4307,
0.2731


 93.1874, 118.6392,
47.9693

 2.6645, 5.0232,
0.0000

 119.6129,
150.0469, 66.1901

 0.9789, 2.2609,
0.0000

 150.6140,
186.5593, 88.5238

 0.0000, 0.7529,
0.0000

 186.5562,

 0.0000, 0.0000,

228.5609, 115.3888

0.0000

227.8047,
276.4361, 147.2037

■ 25.9349, 36.3687,
7.8434

■ 25.9349, 36.3687,
7.8434

■ 24.8420, 35.8352,
6.4940

■ 27.2116, 36.9833,
9.9248

■ 23.9086, 35.3693,
5.7622

■ 28.6864, 37.6810,
12.8206

■ 23.5728, 35.2005,
5.5520

■ 30.3746, 38.4693,
16.6048

■ 32.2891, 39.3534,
21.3424

■ 34.4417, 40.3381,
27.0923

■ 36.8433, 41.4278,
33.9088

■ 39.5040, 42.6266,
41.8422

■ 42.4333, 43.9383,
50.9396

■ 45.6402, 45.3668,
61.2455

Harmonies

Analogous

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



35.0176, 36.3687, 5.7181



25.9349, 36.3687, 7.8434



20.3050, 36.3687, 16.9043

Triad

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



25.9349, 36.3687, 7.8434



25.2991, 36.3687, 110.1289



58.2731, 36.3687, 40.8971

Complementary

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



25.9349, 36.3687, 7.8434



12.2331, 6.6305, 41.7114

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.



54.3072, 36.3687, 76.7949



25.9349, 36.3687, 7.8434



34.1210, 36.3687, 127.1714

Square

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



25.9349, 36.3687, 7.8434



19.9922, 36.3687, 73.3885



44.9298, 36.3687, 112.6874



54.9153, 36.3687, 18.1966

Rectangle

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



25.9349, 36.3687, 7.8434



18.6091, 36.3687, 29.5282



44.9298, 36.3687, 112.6874



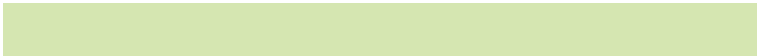
57.7402, 36.3687, 51.7338

Sweetspot

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



25.9357, 36.3703, 7.8442



63.6068, 73.6769, 52.3148



21.3562, 15.4633, 4.0501



13.4650, 15.8215, 10.4511



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.9357, 36.3703, 7.8442



43.9306, 64.4316, 10.8140



18.3846, 32.4775, 7.4908



8.9389, 9.7736, 9.0679



17.3566, 25.8577, 4.0763



0.6022, 0.8425, 0.1309

Inverse Universe

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



12.2331, 6.6305, 41.7114



18.1814, 8.1197, 75.1043



21.0967, 11.1998, 42.1263



8.2784, 8.3521, 10.6821



6.9137, 2.8999, 30.3323



0.2786, 0.1227, 0.9572

Previews

White Background



This preview shows how the XYZ color 25.9349, 36.3687, 7.8434 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 25.9349, 36.3687, 7.8434 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 25.9349, 36.3687, 7.8434

Background



This preview shows how black text looks on a background with the XYZ color 25.9349, 36.3687, 7.8434.



This preview shows how white text looks on a background with the XYZ color 25.9349, 36.3687,

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

25.9349, 36.3687, 7.8434

Protanopia

32.5779, 35.9322, 7.1380

Deuteranopia

36.8040, 36.0556, 8.2685



Tritanopia

33.7889, 36.2093, 46.8032

Trichromacy



Original Color

25.9349, 36.3687, 7.8434

Protanomaly

29.7188, 35.7900, 7.3493

Deuteranomaly

31.8139, 35.5190, 7.9754

Tritanomaly

29.5760, 35.5835, 25.7316

Monochromacy



Original Color

25.9349, 36.3687, 7.8434

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.3149, 31.3975, 19.1414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9349, 36.3687, 7.8434 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(135, 176, 42)` looks like.

```
.text, #text, p{  
    color:rgb(135, 176, 42)  
}
```

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(135, 176, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 176, 42) }
```

Border

The CSS property to change the border of an element to XYZ 25.9349, 36.3687, 7.8434 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(135, 176, 42) }
```


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

```
.border{ border-color:rgb(135, 176, 42) }
```

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

Here you see how a box with a 4 pixel rgb(135, 176, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 176, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 176, 42);  
box-shadow:4px 4px 4px 4px rgb(135, 176,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9349, 36.3687, 7.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 176, 42) }
```

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

```
.background{ background-color: rgb(135,  
176, 42) }
```

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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