

Converting Colors

XYZ(24.5955, 34.7069, 9.6454)

Have a look what the booklet for
XYZ(24.5955, 34.7069, 9.6454)
contains.

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Color

**XYZ(24.6613, 34.8026,
9.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	80AD3C
RGB	128, 173, 60
RGB Percent	50%, 68%, 24%
CMY	0.4980, 0.3216, 0.7647
CMYK	0.26, 0.00, 0.65, 0.32
HSL	84°, 48%, 46%
HSV	84°, 65%, 68%
XYZ	24.6613, 34.8026, 9.6927
YIQ	146.6630, 9.4530, -44.6830

Conversions

Conversions Part 2

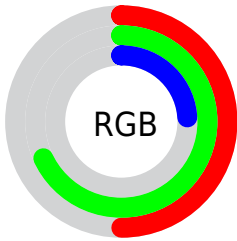
Format	Color
RYB	60, 173, 105
Decimal	8432956
CIELab	65.59, -32.80, 51.38
CIELCh	66, 60.954, 122.550
Yxy	34.8026, 0.3566, 0.5032
Android (android.graphics.Color)	4286623036 (0xFF80AD3C)
YUV	146.6630, -42.7249, -16.3675
Hunter-Lab	58.9937, -28.6202, 31.5542

Details

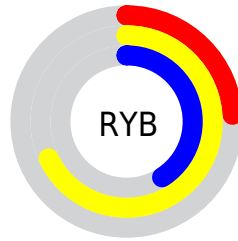
The XYZ color **24.6613, 34.8026, 9.6927** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.9858, 9.2530, 40.5333**, and the grayscale version is **27.7629, 29.2087, 31.8083**.

A 20% lighter version of the original color is **50.7671, 67.4212, 25.9607**, and **9.5405, 14.8888, 2.3710** is the 20% darker color. If you saturate the color by 10%, you get **23.2755, 34.1338, 7.6188**, and if you desaturate by 10%, it is **26.2686, 35.5706, 12.5588**.

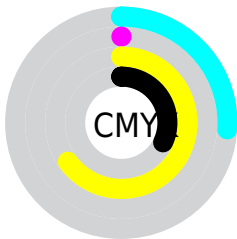
Distribution



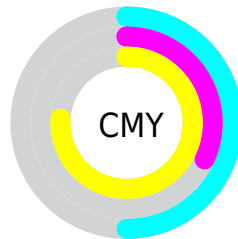
- Red (50%)
- Green (68%)
- Blue (24%)



- Red (24%)
- Yellow (68%)
- Blue (41%)



- Cyan (26%)
- Magenta (0%)
- Yellow (65%)
- Black (32%)





- Cyan (50%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6613, 34.8026, 9.6927 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 24.6613, 34.8026, 9.6927 by changing the saturation by 10% instead.


 24.6613, 34.8026,
9.6927


 24.6613, 34.8026,
9.6927


268.5258,
323.6962, 198.8690


 15.9523, 23.5109,
5.0928


 50.5541, 67.1799,
25.8146


 9.5810, 14.9712,
2.2421


 68.4685, 89.0341,
38.1736

 5.1822, 8.7992,
0.6985


 90.1822, 115.1781,
53.9561

 2.3904, 4.6104,
0.0000

 116.0604,
145.9961, 73.5805

 0.8403, 2.0205,
0.0000

 146.4685,
181.8724, 97.4655

 0.0000, 0.6194,
0.0000

181.7719,

 0.0000, 0.0000,

223.1917, 126.0296

0.0000

222.3359,
270.3381, 159.6912

■ 24.6613, 34.8026,
9.6927

■ 24.6613, 34.8026,
9.6927

■ 23.2755, 34.1338,
7.6188

■ 26.2686, 35.5706,
12.5588

■ 22.0922, 33.5528,
6.2546

■ 28.1096, 36.4391,
16.2842

■ 21.0919, 33.0527,
5.5008

■ 30.1980, 37.4150,
20.9315

■ 20.6652, 32.8379,
5.2492

■ 32.5458, 38.5032,
26.5568

■ 35.1640, 39.7084,
33.2118

■ 38.0630, 41.0347,
40.9443

■ 41.2524, 42.4862,
49.7995

■ 44.7415, 44.0668,
59.8198

■ 48.5390, 45.7799,
71.0453

Harmonies

Analogous

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



32.3195, 34.8026, 6.9131



24.6613, 34.8026, 9.6927



20.0434, 34.8026, 19.4215

Triad

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



24.6613, 34.8026, 9.6927



25.7672, 34.8026, 100.5651



53.4071, 34.8026, 35.7445

Complementary

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



24.6613, 34.8026, 9.6927



14.9858, 9.2530, 40.5333

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.



50.8089, 34.8026, 65.4366



24.6613, 34.8026, 9.6927



33.8500, 34.8026, 111.4737

Square

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



24.6613, 34.8026, 9.6927



20.5964, 34.8026, 71.0538



43.2221, 34.8026, 96.4224



49.7970, 34.8026, 17.0905

Rectangle

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



24.6613, 34.8026, 9.6927



18.7880, 34.8026, 31.8597



43.2221, 34.8026, 96.4224



53.2309, 34.8026, 44.6461

Sweetspot

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



24.6621, 34.8041, 9.6934



60.5526, 69.9996, 53.2439



22.9323, 18.9753, 6.7293



12.8870, 15.0870, 10.8840



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.



24.6621, 34.8041, 9.6934



40.7839, 60.6895, 12.5113



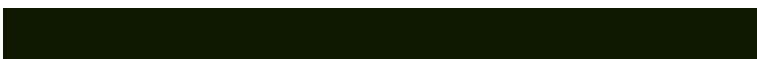
18.5218, 31.6387, 9.4061



8.3493, 9.1687, 8.5430



15.2466, 24.1570, 3.8592



0.4836, 0.7027, 0.1101

Inverse Universe

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



14.9858, 9.2530, 40.5333



22.2409, 11.5584, 71.8645



23.6206, 13.7044, 40.9374



7.8695, 7.9070, 10.0641



7.3999, 3.1747, 29.2673



0.2686, 0.1206, 0.8171

Previews

White Background



This preview shows how the XYZ color 24.6613, 34.8026, 9.6927 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 24.6613, 34.8026, 9.6927 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 24.6613, 34.8026, 9.6927

Background



This preview shows how black text looks on a background with the XYZ color 24.6613, 34.8026, 9.6927.



This preview shows how white text looks on a background with the XYZ color 24.6613, 34.8026,

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

24.6613, 34.8026, 9.6927

Protanopia

31.2434, 34.4289, 8.7401

Deuteranopia

35.1057, 34.4088, 10.1015



Tritanopia

31.9859, 34.7754, 45.5839

Trichromacy



Original Color

24.6613, 34.8026, 9.6927

Protanomaly

28.3121, 34.2173, 8.9833

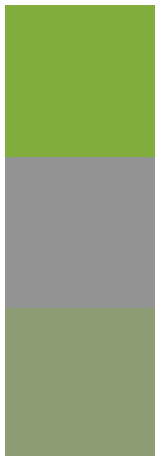
Deuteranomaly

30.3368, 33.9371, 9.8021

Tritanomaly

28.3511, 34.3692, 27.3300

Monochromacy



Original Color

24.6613, 34.8026, 9.6927

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

25.7982, 30.5902, 20.7644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6613, 34.8026, 9.6927 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(128, 173, 60)` looks like.

```
.text, #text, p{  
    color:rgb(128, 173, 60)  
}
```

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(128, 173, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 173, 60) }
```

Border

The CSS property to change the border of an element to XYZ 24.6613, 34.8026, 9.6927 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(128, 173, 60) }
```


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

```
.border{ border-color:rgb(128, 173, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 173, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 173, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 173, 60);  
box-shadow:4px 4px 4px 4px rgb(128, 173,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6613, 34.8026, 9.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 173, 60) }
```

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

```
.background{ background-color: rgb(128,  
173, 60) }
```

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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