

Converting Colors

XYZ(24.8044, 34.0572, 21.1861)

Have a look what the booklet for
XYZ(24.8044, 34.0572, 21.1861)
contains.

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Color

**XYZ(24.8026, 34.0537,
21.1854)**

Conversions

Conversions Part 1

Format	Color
Hex	74AB72
RGB	116, 171, 114
RGB Percent	45%, 67%, 45%
CMY	0.5451, 0.3294, 0.5529
CMYK	0.32, 0.00, 0.33, 0.33
HSL	118°, 25%, 56%
HSV	118°, 33%, 67%
XYZ	24.8026, 34.0537, 21.1854
YIQ	148.0570, -14.4830, -29.3870

Conversions

Conversions Part 2

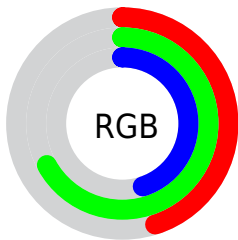
Format	Color
RYB	114, 171, 169
Decimal	7646066
CIELab	65.01, -29.65, 23.77
CIELCh	65, 38.000, 141.276
Yxy	34.0537, 0.3099, 0.4254
Android (android.graphics.Color)	4285836146 (0xFF74AB72)
YUV	148.0570, -16.7901, -28.1140
Hunter-Lab	58.3555, -26.2551, 19.3242

Details

The XYZ color **24.8026, 34.0537, 21.1854** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.7318, 23.4110, 41.4816**, and the grayscale version is **28.2450, 29.7159, 32.3606**.

A 20% lighter version of the original color is **50.9296, 66.2374, 46.1772**, and **9.6125, 14.4623, 7.2859** is the 20% darker color. If you saturate the color by 10%, you get **21.9170, 32.6693, 16.4358**, and if you desaturate by 10%, it is **28.2616, 35.7147, 26.9131**.

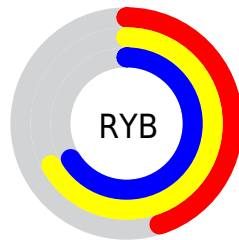
Distribution



Red (45%)

Green (67%)

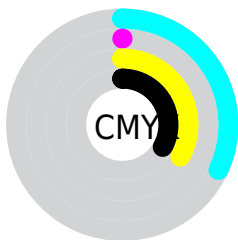
Blue (45%)



Red (45%)

Yellow (67%)

Blue (66%)

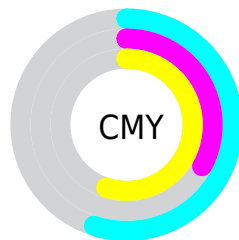


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8026, 34.0537, 21.1854 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 24.8026, 34.0537, 21.1854 by changing the saturation by 10% instead.

■ 24.8026, 34.0537,
21.1854

■ 24.8026, 34.0537,
21.1854

269.2193,
320.3714, 271.0755

■ 16.0580, 22.9349,
13.0670

■ 50.7820, 66.0172,
46.2807

■ 9.6563, 14.5454,
7.3434

■ 68.7475, 87.6306,
64.0947

■ 5.2322, 8.5010,
3.5961

■ 90.5174, 113.5110,
85.9776

■ 2.4203, 4.4171,
1.4065

■ 116.4569,
144.0427, 112.3480

■ 0.8552, 1.9095,
0.1468

146.9315,
179.6103, 143.6245

■ 0.0000, 0.5541,
0.0000

182.3066,

■ 0.0000, 0.0000,

220.5980, 180.2255

0.0000

222.9473,
267.3902, 222.5697

■ 24.8026, 34.0537,
21.1854

■ 24.8026, 34.0537,
21.1854

■ 21.9170, 32.6693,
16.4358

■ 28.2616, 35.7147,
26.9131

■ 19.5714, 31.5424,
12.6077

■ 32.3197, 37.6614,
33.6671

■ 17.7329, 30.6583,
9.6419


■ 37.0046, 39.9082,
41.4947


■ 16.3641, 29.9993,
7.4716


■ 42.3411, 42.4668,
50.4401


■ 15.4224, 29.5450,
6.0202


■ 48.3528, 45.3485,
60.5446


 14.8574, 29.2714,
5.1958

 55.0623, 48.5642,
71.8476

 14.6386, 29.1658,
4.8580

 62.4909, 52.1239,
84.3866

 70.6591, 56.0375,
98.1976

 73.8536, 57.6072,
101.8345

Harmonies

Analogous

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



28.6818, 34.0537, 15.4223



24.8026, 34.0537, 21.1854



23.0049, 34.0537, 32.6751

Triad

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



24.8026, 34.0537, 21.1854



30.7905, 34.0537, 75.7602



43.2469, 34.0537, 27.1451

Complementary

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



24.8026, 34.0537, 21.1854



29.7318, 23.4110, 41.4816

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.



43.9765, 34.0537, 41.8611



24.8026, 34.0537, 21.1854



36.3551, 34.0537, 73.0358

Square

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



24.8026, 34.0537, 21.1854



26.1960, 34.0537, 66.0575



41.3315, 34.0537, 59.4169



39.4382, 34.0537, 18.1241

Rectangle

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



24.8026, 34.0537, 21.1854



23.0701, 34.0537, 43.3171



41.3315, 34.0537, 59.4169



43.8763, 34.0537, 31.4700

Sweetspot

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



24.8035, 34.0551, 21.1862



60.4055, 68.6578, 64.5071



33.8637, 37.9352, 21.4576



13.2241, 15.1927, 13.9738



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.



24.8035, 34.0551, 21.1862



40.5121, 59.1122, 31.5048



26.2113, 34.5879, 29.9715



7.9295, 8.9522, 8.5234



11.0443, 21.9906, 3.6625



0.3155, 0.6160, 0.1023

Inverse Universe

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



29.7318, 23.4110, 41.4816



50.7021, 37.0906, 73.4888



27.9510, 22.7486, 29.8486



8.3089, 8.1336, 10.0847



17.2492, 8.2522, 29.7282



0.4882, 0.2339, 0.8274

Previews

White Background



This preview shows how the XYZ color 24.8026, 34.0537, 21.1854 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 24.8026, 34.0537, 21.1854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

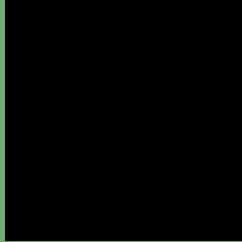
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8026, 34.0537, 21.1854

Background



This preview shows how black text looks on a background with the XYZ color 24.8026, 34.0537, 21.1854.



This preview shows how white text looks on a background with the XYZ color 24.8026, 34.0537,

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

24.8026, 34.0537, 21.1854

Protanopia

31.3413, 33.7427, 19.0485

Deuteranopia

34.3442, 33.7555, 21.8449



Tritanopia

29.6861, 33.8410, 46.0416

Trichromacy



Original Color

24.8026, 34.0537, 21.1854

Protanomaly

28.3125, 33.4505, 19.7162

Deuteranomaly

29.9350, 33.2117, 21.6624

Tritanomaly

27.5544, 33.7833, 35.2056

Monochromacy



Original Color

24.8026, 34.0537, 21.1854

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.4857, 30.7887, 27.8394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8026, 34.0537, 21.1854 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(116, 171, 114)` looks like.

```
.text, #text, p{  
    color:rgb(116, 171, 114)  
}
```

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(116, 171, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 171, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.8026, 34.0537, 21.1854 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(116, 171, 114) }
```


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

```
.border{ border-color:rgb(116, 171, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 171, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(116, 171,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8026, 34.0537, 21.1854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 171, 114) }
```

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

```
.background{ background-color: rgb(116,  
171, 114) }
```

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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