

Converting Colors

XYZ(24.3670, 35.2524, 21.0274)

Have a look what the booklet for
XYZ(24.3670, 35.2524, 21.0274)
contains.

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Color

**XYZ(24.4498, 35.3071,
21.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB071
RGB	106, 176, 113
RGB Percent	42%, 69%, 44%
CMY	0.5843, 0.3098, 0.5569
CMYK	0.40, 0.00, 0.36, 0.31
HSL	126°, 31%, 55%
HSV	126°, 40%, 69%
XYZ	24.4498, 35.3071, 21.1491
YIQ	147.8880, -21.4970, -34.4330

Conversions

Conversions Part 2

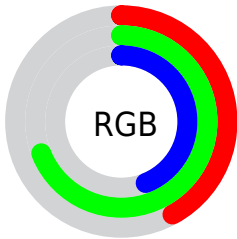
Format	Color
RYB	106, 170, 176
Decimal	6991985
CIELab	65.99, -35.40, 25.53
CIElCh	66, 43.647, 144.201
Yxy	35.3071, 0.3022, 0.4364
Android (android.graphics.Color)	4285182065 (0xFF6AB071)
YUV	147.8880, -17.1998, -36.7358
Hunter-Lab	59.4198, -30.5362, 20.4909

Details

The XYZ color **24.4498, 35.3071, 21.1491** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.2210, 22.4034, 40.2687**, and the grayscale version is **28.1782, 29.6456, 32.2841**.

A 20% lighter version of the original color is **50.1453, 67.9034, 46.0610**, and **9.4766, 15.2930, 7.3029** is the 20% darker color. If you saturate the color by 10%, you get **21.7538, 34.0125, 16.7674**, and if you desaturate by 10%, it is **27.7326, 36.8883, 26.3723**.

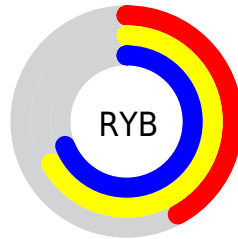
Distribution



Red (42%)

Green (69%)

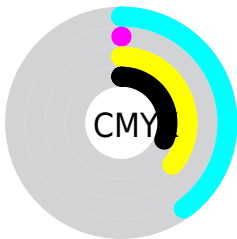
Blue (44%)



Red (42%)

Yellow (67%)

Blue (69%)

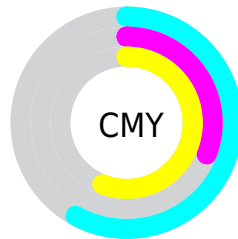


Cyan (40%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4498, 35.3071, 21.1491 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 24.4498, 35.3071, 21.1491 by changing the saturation by 10% instead.

■ 24.4498, 35.3071,
21.1491

■ 24.4498, 35.3071,
21.1491

267.4852,
325.9218, 270.8768

■ 15.7942, 23.8995,
13.0407

■ 50.2126, 67.9612,
46.2196

■ 9.4685, 15.2591,
7.3255

■ 68.0504, 89.9766,
64.0187

■ 5.1076, 9.0014,
3.5850

■ 89.6797, 116.2967,
85.8852

■ 2.3459, 4.7421,
1.4006

■ 115.4658,
147.3059, 112.2376

■ 0.8180, 2.0968,
0.1421

145.7740,
183.3886, 143.4944

■ 0.0000, 0.6628,
0.0000

180.9697,

■ 0.0000, 0.0000,

224.9292, 180.0742

0.0000

221.4183,
272.3122, 222.3955

■ 24.4498, 35.3071,
21.1491

■ 24.4498, 35.3071,
21.1491

■ 21.7538, 34.0125,
16.7674

■ 27.7326, 36.8883,
26.3723

■ 19.6072, 32.9830,
13.1809

■ 31.6311, 38.7670,
32.4753

■ 17.9729, 32.2016,
10.3428


■ 36.1757, 40.9591,
39.4969


■ 16.8077, 31.6472,
8.1999


■ 41.3939, 43.4781,
47.4728


■ 16.0613, 31.2950,
6.6924

■ 47.3116, 46.3365,
56.4370


 15.6399, 31.0982,
5.7489

 53.9534, 49.5463,
66.4215

 15.6320, 31.0945,
5.7333

 61.3426, 53.1190,
77.4573

 69.5015, 57.0653,
89.5736

 74.8160, 59.5321,
102.1553

Harmonies

Analogous

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



28.7148, 35.3071, 14.2516



24.4498, 35.3071, 21.1491



22.6456, 35.3071, 34.9567

Triad

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



24.4498, 35.3071, 21.1491



32.3177, 35.3071, 85.8694



46.2253, 35.3071, 25.6150

Complementary

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



24.4498, 35.3071, 21.1491



30.2210, 22.4034, 40.2687

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.



47.5112, 35.3071, 42.1547



24.4498, 35.3071, 21.1491



38.9181, 35.3071, 80.9305

Square

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



24.4498, 35.3071, 21.1491



26.7979, 35.3071, 75.1635



44.6874, 35.3071, 63.2620



41.3697, 35.3071, 16.1900

Rectangle

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



24.4498, 35.3071, 21.1491



22.8899, 35.3071, 47.8583



44.6874, 35.3071, 63.2620



47.1134, 35.3071, 30.3522

Sweetspot

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



24.4507, 35.3086, 21.1499



63.4892, 73.2607, 68.3715



34.4905, 40.5281, 19.6407



13.5279, 15.7652, 14.4608



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.



24.4507, 35.3086, 21.1499



39.8657, 61.8831, 31.0887



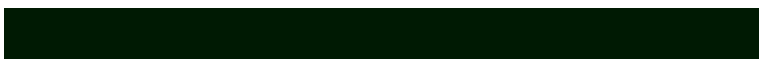
26.8154, 36.2545, 33.6025



8.4224, 9.5034, 9.2179



11.4796, 22.8178, 4.2626



0.3724, 0.7224, 0.1931

Inverse Universe

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



30.2210, 22.4034, 40.2687



51.8284, 35.1024, 70.7049



27.3626, 21.2600, 25.2163



8.8127, 8.6318, 10.5119



17.7025, 8.5985, 24.6569



0.5675, 0.2747, 0.8311

Previews

White Background



This preview shows how the XYZ color 24.4498, 35.3071, 21.1491 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 24.4498, 35.3071, 21.1491 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 24.4498, 35.3071, 21.1491

Background



This preview shows how black text looks on a background with the XYZ color 24.4498, 35.3071, 21.1491.



This preview shows how white text looks on a background with the XYZ color 24.4498, 35.3071,

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

24.4498, 35.3071, 21.1491

Protanopia

32.2332, 34.7211, 18.6386

Deuteranopia

35.4003, 34.7818, 21.9873



Tritanopia

30.0889, 35.3345, 48.9505

Trichromacy



Original Color

24.4498, 35.3071, 21.1491

Protanomaly

28.6099, 34.4040, 19.6007

Deuteranomaly

29.9978, 34.0198, 21.5084

Tritanomaly

27.6339, 35.1710, 36.7847

Monochromacy



Original Color

24.4498, 35.3071, 21.1491

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.2729, 31.1895, 27.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4498, 35.3071, 21.1491 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(106, 176, 113)` looks like.

```
.text, #text, p{  
    color:rgb(106, 176, 113)  
}
```

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(106, 176, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 176, 113) }
```

Border

The CSS property to change the border of an element to XYZ 24.4498, 35.3071, 21.1491 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(106, 176, 113) }
```


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

```
.border{ border-color:rgb(106, 176, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 176, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 176, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 176, 113);  
box-shadow:4px 4px 4px 4px rgb(106, 176,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4498, 35.3071, 21.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 176, 113) }
```

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

```
.background{ background-color: rgb(106,  
176, 113) }
```

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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