

Converting Colors

XYZ(24.7976, 35.1898, 21.4049)

Have a look what the booklet for
XYZ(24.7976, 35.1898, 21.4049)
contains.

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Color

**XYZ(24.7976, 35.1898,
21.4049)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAF72
RGB	110, 175, 114
RGB Percent	43%, 69%, 45%
CMY	0.5686, 0.3137, 0.5529
CMYK	0.37, 0.00, 0.35, 0.31
HSL	124°, 29%, 56%
HSV	124°, 37%, 69%
XYZ	24.7976, 35.1898, 21.4049
YIQ	148.6110, -19.1590, -32.7510

Conversions

Conversions Part 2

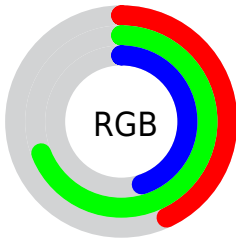
Format	Color
RYB	110, 171, 175
Decimal	7253874
CIELab	65.90, -33.51, 24.91
CIElCh	66, 41.752, 143.374
Yxy	35.1898, 0.3047, 0.4323
Android (android.graphics.Color)	4285443954 (0xFF6EAF72)
YUV	148.6110, -17.0632, -33.8618
Hunter-Lab	59.3210, -29.1944, 20.1310

Details

The XYZ color **24.7976, 35.1898, 21.4049** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.6069, 23.2067, 41.3955**, and the grayscale version is **28.4795, 29.9626, 32.6293**.

A 20% lighter version of the original color is **50.7687, 67.7975, 46.4868**, and **9.6586, 15.2003, 7.4259** is the 20% darker color. If you saturate the color by 10%, you get **21.9792, 33.8364, 16.8239**, and if you desaturate by 10%, it is **28.2157, 36.8350, 26.8917**.

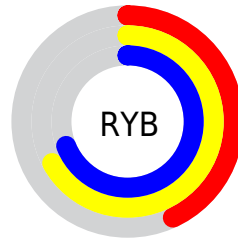
Distribution



Red (43%)

Green (69%)

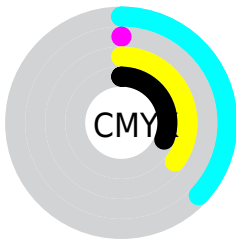
Blue (45%)



Red (43%)

Yellow (67%)

Blue (69%)

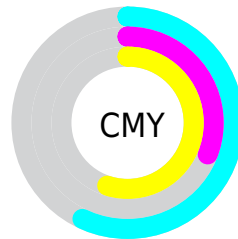


Cyan (37%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (57%)

Magenta (31%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7976, 35.1898, 21.4049 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 24.7976, 35.1898, 21.4049 by changing the saturation by 10% instead.


 24.7976, 35.1898,
21.4049


 24.7976, 35.1898,
21.4049


269.1947,
325.4053, 272.2739


 16.0543, 23.8091,
13.2262


 50.7739, 67.7797,
46.6499


 9.6536, 15.1921,
7.4519


 68.7376, 89.7577,
64.5533

 5.2304, 8.9543,
3.6636


 90.5055, 116.0369,
86.5354

 2.4192, 4.7114,
1.4427

 116.4429,
147.0018, 113.0146

 0.8547, 2.0789,
0.1747

146.9152,
183.0366, 144.4095

 0.0000, 0.6527,
0.0000

182.2877,

 0.0000, 0.0000,

224.5259, 181.1387

0.0000

222.9257,
271.8540, 223.6206

■ 24.7976, 35.1898,
21.4049

■ 24.7976, 35.1898,
21.4049

■ 21.9792, 33.8364,
16.8239

■ 28.2157, 36.8350,
26.8917

■ 19.7233, 32.7536,
13.0977

■ 32.2625, 38.7830,
33.3267

■ 17.9930, 31.9245,
10.1742


■ 36.9683, 41.0494,
40.7528


■ 16.7456, 31.3284,
7.9943


■ 42.3606, 43.6477,
49.2092


■ 15.9318, 30.9413,
6.4910


■ 48.4656, 46.5904,
58.7332


 15.4828, 30.7294,
5.5848

 55.3078, 49.8896,
69.3602

 15.3897, 30.6849,
5.4214

 62.9107, 53.5565,
81.1240

 71.2968, 57.6022,
94.0569

 74.6206, 59.1413,
102.0902

Harmonies

Analogous

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



28.9558, 35.1898, 14.8181



24.7976, 35.1898, 21.4049



22.9888, 35.1898, 34.5262

Triad

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



24.7976, 35.1898, 21.4049



32.0961, 35.1898, 82.9658



45.5666, 35.1898, 26.3509

Complementary

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



24.7976, 35.1898, 21.4049



30.6069, 23.2067, 41.3955

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.



46.6750, 35.1898, 42.3728



24.7976, 35.1898, 21.4049



38.3798, 35.1898, 78.7506

Square

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



24.7976, 35.1898, 21.4049



26.8544, 35.1898, 72.5795



43.9044, 35.1898, 62.3808



41.0386, 35.1898, 16.9988

Rectangle

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



24.7976, 35.1898, 21.4049



23.1783, 35.1898, 46.7279



43.9044, 35.1898, 62.3808



46.3727, 35.1898, 30.9790

Sweetspot

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



24.7985, 35.1913, 21.4057



62.6504, 71.8021, 67.3838



35.1043, 40.5299, 20.7249



13.6760, 15.8390, 14.5844



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.



24.7985, 35.1913, 21.4057



39.9911, 60.8991, 31.1583



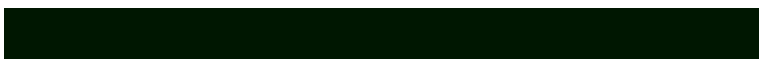
26.9302, 36.0440, 32.6310



7.9237, 8.9471, 8.6235



11.0290, 21.9769, 3.9266



0.3131, 0.6139, 0.1426

Inverse Universe

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



30.6069, 23.2067, 41.3955



51.9803, 36.1476, 72.4096



27.9346, 22.1378, 27.3234



8.3155, 8.1394, 9.9721



17.4825, 8.4555, 25.9840



0.4926, 0.2377, 0.7558

Previews

White Background



This preview shows how the XYZ color 24.7976, 35.1898, 21.4049 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 24.7976, 35.1898, 21.4049 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 24.7976, 35.1898, 21.4049

Background



This preview shows how black text looks on a background with the XYZ color 24.7976, 35.1898, 21.4049.



This preview shows how white text looks on a background with the XYZ color 24.7976, 35.1898,

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

24.7976, 35.1898, 21.4049

Protanopia

32.2856, 34.7420, 18.9142

Deuteranopia

35.4600, 34.8057, 22.3020



Tritanopia

30.2253, 35.1437, 48.3704

Trichromacy



Original Color

24.7976, 35.1898, 21.4049

Protanomaly

28.8473, 34.5201, 19.8945

Deuteranomaly

30.4530, 34.2477, 21.8350

Tritanomaly

27.8467, 35.0013, 36.7407

Monochromacy



Original Color

24.7976, 35.1898, 21.4049

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.6625, 31.3822, 27.9447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7976, 35.1898, 21.4049 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(110, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(110, 175, 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(110, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 175, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.7976, 35.1898, 21.4049 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(110, 175, 114) }
```


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

```
.border{ border-color:rgb(110, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(110, 175,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7976, 35.1898, 21.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 175, 114) }
```

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

```
.background{ background-color: rgb(110,  
175, 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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