

Converting Colors

XYZ(24.4454, 30.6423, 21.2103)

Have a look what the booklet for
XYZ(24.4454, 30.6423, 21.2103)
contains.

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Color

**XYZ(24.4526, 30.6464,
21.1496)**

Conversions

Conversions Part 1

Format	Color
Hex	809F74
RGB	128, 159, 116
RGB Percent	50%, 62%, 45%
CMY	0.4980, 0.3765, 0.5451
CMYK	0.19, 0.00, 0.27, 0.38
HSL	103°, 18%, 54%
HSV	103°, 27%, 62%
XYZ	24.4526, 30.6464, 21.1496
YIQ	144.8290, -4.6730, -19.9450

Conversions

Conversions Part 2

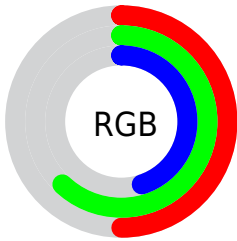
Format	Color
R_{YB}	116, 159, 147
Decimal	8429428
CIE _{Lab}	62.21, -19.10, 19.01
CIE _{LCh}	62, 26.951, 135.129
Yxy	30.6464, 0.3207, 0.4019
Android (android.graphics.Color)	4286619508 (0xFF809F74)
YUV	144.8290, -14.2127, -14.7590
Hunter-Lab	55.3592, -18.0337, 16.1001

Details

The XYZ color **24.4526, 30.6464, 21.1496** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.5373, 21.1980, 35.6008**, and the grayscale version is **26.9021, 28.3031, 30.8221**.

A 20% lighter version of the original color is **50.1705, 60.7440, 46.1263**, and **9.4127, 12.5403, 7.2346** is the 20% darker color. If you saturate the color by 10%, you get **21.9779, 29.4695, 16.6121**, and if you desaturate by 10%, it is **27.2820, 31.9898, 26.5314**.

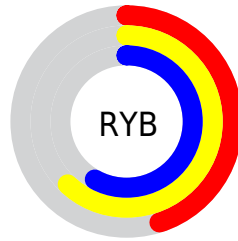
Distribution



Red (50%)

Green (62%)

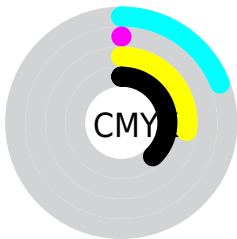
Blue (45%)



Red (45%)

Yellow (62%)

Blue (58%)

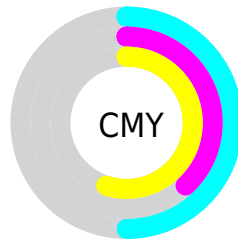


Cyan (19%)

Magenta (0%)

Yellow (27%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4526, 30.6464, 21.1496 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 24.4526, 30.6464, 21.1496 by changing the saturation by 10% instead.

■ 24.4526, 30.6464,
21.1496

■ 24.4526, 30.6464,
21.1496

267.4990,
304.9060, 270.8796

■ 15.7962, 20.3297,
13.0411

■ 50.2171, 60.6829,
46.2204

■ 9.4700, 12.6350,
7.3258

■ 68.0559, 81.1716,
64.0198

■ 5.1086, 7.1777,
3.5851

■ 89.6863, 105.8197,
85.8865

■ 2.3465, 3.5735,
1.4006

115.4736,
135.0117, 112.2391

■ 0.8183, 1.4379,
0.1422

145.7832,
169.1319, 143.4962

■ 0.0000, 0.2444,
0.0000

180.9804,

■ 0.0000, 0.0000,

208.5648, 180.0763

0.0000

221.4305,
253.6946, 222.3979

■ 24.4526, 30.6464,
21.1496

■ 24.4526, 30.6464,
21.1496

■ 21.9779, 29.4695,
16.6121

■ 27.2820, 31.9898,
26.5314

■ 19.8412, 28.4484,
12.8742

■ 30.4775, 33.5018,
32.7952

■ 18.0275, 27.5776,
9.8899

■ 34.0527, 35.1895,
39.9788

■ 16.5200, 26.8494,
7.6080

■ 38.0199, 37.0587,
48.1175

■ 15.3002, 26.2556,
5.9708

■ 42.3907, 39.1144,
57.2443

■ 14.3470, 25.7867,
4.9113

■ 47.1763, 41.3619,
67.3909

■ 13.6319, 25.4302,
4.3250

■ 52.3876, 43.8059,
78.5876

■ 13.4533, 25.3411,
4.1823

■ 58.0347, 46.4513,
90.8632

■ 63.4597, 49.0353,
100.7278

Harmonies

Analogous

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



27.3429, 30.6464, 17.5410



24.4526, 30.6464, 21.1496



22.8845, 30.6464, 28.4925

Triad

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



24.4526, 30.6464, 21.1496



27.3720, 30.6464, 56.6828



36.4065, 30.6464, 28.4145

Complementary

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



24.4526, 30.6464, 21.1496



24.5373, 21.1980, 35.6008

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.



36.4159, 30.6464, 38.7717



24.4526, 30.6464, 21.1496



30.9901, 30.6464, 56.6497

Square

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



24.4526, 30.6464, 21.1496



24.4723, 30.6464, 49.6516



34.3654, 30.6464, 49.5689



34.3407, 30.6464, 21.1028

Rectangle

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



24.4526, 30.6464, 21.1496



22.7096, 30.6464, 35.1894



34.3654, 30.6464, 49.5689



36.6556, 30.6464, 31.6119

Sweetspot

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



24.4534, 30.6477, 21.1503



53.9130, 59.6805, 57.4081



27.8570, 29.4437, 20.7385



11.9616, 13.3636, 12.5610



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.4534, 30.6477, 21.1503



41.2488, 53.6752, 33.1731



23.3235, 29.9994, 24.0702



6.7159, 7.4862, 7.0767



10.6616, 20.0330, 3.3048



0.2285, 0.3777, 0.0609

Inverse Universe

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



24.5373, 21.1980, 35.6008



41.4175, 34.0771, 63.1380



26.0242, 22.0544, 31.6073



6.7236, 6.6615, 8.3381



10.5310, 4.8580, 26.2899



0.2268, 0.1067, 0.4719

Previews

White Background



This preview shows how the XYZ color 24.4526, 30.6464, 21.1496 looks on a white background.

Color Contrast Check

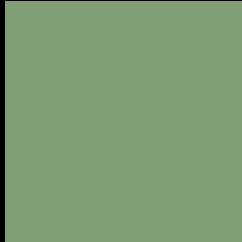
Large Text (above 18pt) WCAG AA × Fail

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 24.4526, 30.6464, 21.1496 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 24.4526, 30.6464, 21.1496

Background



This preview shows how black text looks on a background with the XYZ color 24.4526, 30.6464, 21.1496.



This preview shows how white text looks on a background with the XYZ color 24.4526, 30.6464,

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

24.4526, 30.6464, 21.1496

Protanopia

28.5289, 30.5596, 19.7242

Deuteranopia

30.9822, 30.3924, 21.6861



Tritanopia

28.3361, 30.7333, 40.0360

Trichromacy



Original Color

24.4526, 30.6464, 21.1496

Protanomaly

26.7663, 30.3643, 20.0729

Deuteranomaly

28.1180, 30.0720, 21.4620

Tritanomaly

26.6607, 30.5358, 32.0926

Monochromacy



Original Color

24.4526, 30.6464, 21.1496

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.8569, 29.0229, 26.7934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4526, 30.6464, 21.1496 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, 159, 116)` looks like.

```
.text, #text, p{  
    color:rgb(128, 159, 116)  
}
```

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, 159, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 159, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.4526, 30.6464, 21.1496 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, 159, 116) }
```


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

```
.border{ border-color:rgb(128, 159, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 159, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 159, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 159, 116);  
box-shadow:4px 4px 4px 4px rgb(128, 159,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4526, 30.6464, 21.1496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 159, 116) }
```

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

```
.background{ background-color: rgb(128,  
159, 116) }
```

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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