

Converting Colors

XYZ(21.6140, 26.9568, 15.2124)

Have a look what the booklet for
XYZ(21.6140, 26.9568, 15.2124)
contains.

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Color

**XYZ(21.4630, 26.7750,
15.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9560
RGB	126, 149, 96
RGB Percent	49%, 58%, 38%
CMY	0.5059, 0.4157, 0.6235
CMYK	0.15, 0.00, 0.36, 0.42
HSL	86°, 22%, 48%
HSV	86°, 36%, 58%
XYZ	21.4630, 26.7750, 15.1032
YIQ	136.0810, 3.3050, -21.3590

Conversions

Conversions Part 2

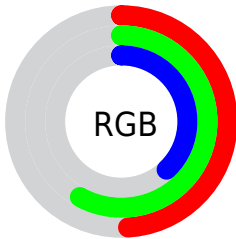
Format	Color
R_{YB}	96, 149, 119
Decimal	8295776
CIE _{Lab}	58.77, -17.79, 25.38
CIE _{LCh}	59, 30.990, 125.030
Yxy	26.7750, 0.3388, 0.4227
Android (android.graphics.Color)	4286485856 (0xFF7E9560)
YUV	136.0810, -19.7599, -8.8410
Hunter-Lab	51.7446, -16.5134, 18.9156

Details

The XYZ color **21.4630, 26.7750, 15.1032** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2164, 14.4583, 30.3185**, and the grayscale version is **23.5035, 24.7275, 26.9283**.

A 20% lighter version of the original color is **45.2128, 54.4022, 35.7215**, and **7.9026, 10.4936, 4.5147** is the 20% darker color. If you saturate the color by 10%, you get **19.9183, 26.0514, 11.7831**, and if you desaturate by 10%, it is **23.2008, 27.5848, 19.1122**.

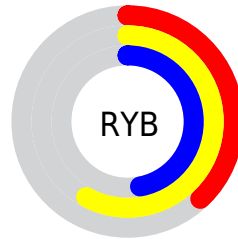
Distribution



Red (49%)

Green (58%)

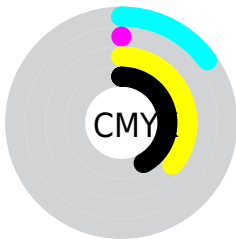
Blue (38%)



Red (38%)

Yellow (58%)

Blue (47%)

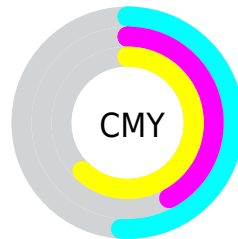


Cyan (15%)

Magenta (0%)

Yellow (36%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4630, 26.7750, 15.1032 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 21.4630, 26.7750, 15.1032 by changing the saturation by 10% instead.

■ 21.4630, 26.7750,
15.1032

■ 21.4630, 26.7750,
15.1032

252.4144,
286.5661, 235.6523

■ 13.5772, 17.4043,
8.7444

■ 45.3423, 54.5226,
35.7790

■ 7.9070, 10.5232,
4.4803

■ 62.0666, 73.6683,
50.9331

■ 4.0868, 5.7472,
1.8924

■ 82.4678, 96.8411,
69.8560

■ 1.7513, 2.6920,
0.4879

■ 106.9112,
124.4255, 92.9663

■ 0.4881, 0.9731,
0.0000

135.7622,
156.8058, 120.6826

■ 0.0000, 0.0000,
0.0000

169.3862,

194.3664, 153.4233

208.1484,
237.4917, 191.6070

■ 21.4630, 26.7750,
15.1032

■ 21.4630, 26.7750,
15.1032

■ 19.9183, 26.0514,
11.7831

■ 23.2008, 27.5848,
19.1122

■ 18.5560, 25.4068,
9.1114

■ 25.1376, 28.4805,
23.8442

■ 17.3677, 24.8387,
7.0458

■ 27.2814, 29.4664,
29.3331

■ 16.3430, 24.3428,
5.5386

■ 29.6392, 30.5454,
35.6102

■ 15.4701, 23.9141,
4.5345

■ 32.2177, 31.7203,
42.7049

■ 14.7334, 23.5463,
3.9579

■ 35.0232, 32.9938,
50.6451

■ 14.4343, 23.3963,
3.7552

■ 38.0617, 34.3683,
59.4576

■ 41.3391, 35.8463,
69.1679

■ 44.8608, 37.4301,
79.8002

Harmonies

Analogous

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



24.8105, 26.7750, 12.8239



21.4630, 26.7750, 15.1032



19.3567, 26.7750, 21.1478

Triad

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



21.4630, 26.7750, 15.1032



22.4737, 26.7750, 52.6699



33.4852, 26.7750, 27.3485

Complementary

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



21.4630, 26.7750, 15.1032



17.2164, 14.4583, 30.3185

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.



32.7013, 26.7750, 38.9606



21.4630, 26.7750, 15.1032



26.0980, 26.7750, 55.5147

Square

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



21.4630, 26.7750, 15.1032



19.8981, 26.7750, 42.9646



29.8999, 26.7750, 49.9823



31.9464, 26.7750, 18.6732

Rectangle

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



21.4630, 26.7750, 15.1032



18.8131, 26.7750, 27.3696



29.8999, 26.7750, 49.9823



33.4860, 26.7750, 31.0131

Sweetspot

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



21.4637, 26.7762, 15.1038



46.6388, 51.7499, 46.8035



21.0996, 20.4207, 13.8962



10.2348, 11.4220, 10.1151



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.4637, 26.7762, 15.1038



36.1158, 46.8626, 22.0271



18.0636, 25.0234, 14.9447



6.0248, 6.6206, 6.2008



12.1824, 19.7081, 3.1620



0.1830, 0.2587, 0.0403

Inverse Universe

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



17.2164, 14.4583, 30.3185



27.3083, 21.3079, 53.5948



21.3681, 16.5986, 30.5128



5.7240, 5.7487, 7.2777



6.4148, 2.7795, 24.1294



0.1113, 0.0509, 0.2969

Previews

White Background



This preview shows how the XYZ color 21.4630, 26.7750, 15.1032 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4630, 26.7750, 15.1032 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 × Fail

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

XYZ 21.4630, 26.7750, 15.1032

Background



This preview shows how black text looks on a background with the XYZ color 21.4630, 26.7750, 15.1032.



This preview shows how white text looks on a background with the XYZ color 21.4630, 26.7750,

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

21.4630, 26.7750, 15.1032

Protanopia

24.6375, 26.6124, 14.1941

Deuteranopia

27.0646, 26.5536, 15.5033



Tritanopia

25.2543, 26.7142, 33.9623

Trichromacy



Original Color

21.4630, 26.7750, 15.1032

Protanomaly

23.3213, 26.5943, 14.4937

Deuteranomaly

24.7196, 26.4103, 15.3501

Tritanomaly

23.6503, 26.7420, 25.7450

Monochromacy



Original Color

21.4630, 26.7750, 15.1032

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.4918, 25.3358, 21.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4630, 26.7750, 15.1032 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(126, 149, 96)` looks like.

```
.text, #text, p{  
    color:rgb(126, 149, 96)  
}
```

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(126, 149, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 149, 96) }
```

Border

The CSS property to change the border of an element to XYZ 21.4630, 26.7750, 15.1032 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(126, 149, 96) }
```


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

```
.border{ border-color:rgb(126, 149, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 149, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 149, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 149, 96);  
box-shadow:4px 4px 4px 4px rgb(126, 149,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4630, 26.7750, 15.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 149, 96) }
```

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

```
.background{ background-color: rgb(126,  
149, 96) }
```

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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