

Converting Colors

XYZ(21.5662, 26.3743, 15.9500)

Have a look what the booklet for
XYZ(21.5662, 26.3743, 15.9500)
contains.

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Color

**XYZ(21.4864, 26.2996,
16.0005)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9364
RGB	127, 147, 100
RGB Percent	50%, 58%, 39%
CMY	0.5020, 0.4235, 0.6078
CMYK	0.14, 0.00, 0.32, 0.42
HSL	86°, 19%, 48%
HSV	86°, 32%, 58%
XYZ	21.4864, 26.2996, 16.0005
YIQ	135.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

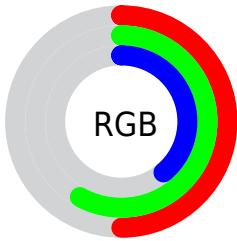
Format	Color
RYB	100, 147, 120
Decimal	8360804
CIELab	58.32, -15.76, 22.60
CIElCh	58, 27.550, 124.891
Yxy	26.2996, 0.3368, 0.4123
Android (android.graphics.Color)	4286550884 (0xFF7F9364)
YUV	135.6620, -17.5814, -7.5966
Hunter-Lab	51.2831, -14.9583, 17.3995

Details

The XYZ color **21.4864, 26.2996, 16.0005** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5705, 15.2148, 29.6159**, and the grayscale version is **23.3388, 24.5542, 26.7395**.

A 20% lighter version of the original color is **45.2949, 53.7110, 37.2581**, and **7.8860, 10.2006, 4.9214** is the 20% darker color. If you saturate the color by 10%, you get **19.9353, 25.5757, 12.5431**, and if you desaturate by 10%, it is **23.2251, 27.1070, 20.1380**.

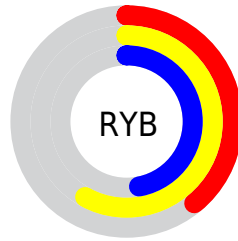
Distribution



Red (50%)

Green (58%)

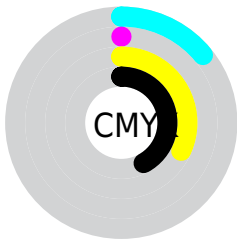
Blue (39%)



Red (39%)

Yellow (58%)

Blue (47%)

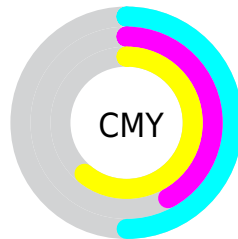


Cyan (14%)

Magenta (0%)

Yellow (32%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4864, 26.2996, 16.0005 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 21.4864, 26.2996, 16.0005 by changing the saturation by 10% instead.

■ 21.4864, 26.2996,
16.0005

■ 21.4864, 26.2996,
16.0005

252.5353,
284.2497, 241.1905

■ 13.5945, 17.0479,
9.3701

■ 45.3808, 53.7579,
37.3659

■ 7.9190, 10.2687,
4.8833

■ 62.1141, 72.7333,
52.9380

■ 4.0945, 5.5774,
2.1214

■ 82.5252, 95.7187,
72.3277

■ 1.7557, 2.5899,
0.6285

■ 106.9794,
123.0985, 95.9537

■ 0.4908, 0.9216,
0.0000

135.8422,
155.2571, 124.2344

■ 0.0000, 0.0000,
0.0000

169.4789,

192.5789, 157.5884

208.2548,
235.4483, 196.4343

■ 21.4864, 26.2996,
16.0005

■ 21.4864, 26.2996,
16.0005

■ 19.9353, 25.5757,
12.5431

■ 23.2251, 27.1070,
20.1380

■ 18.5619, 24.9286,
9.7277

■ 25.1568, 27.9975,
24.9875

■ 17.3582, 24.3558,
7.5149

■ 27.2892, 28.9752,
30.5812

■ 16.3148, 23.8534,
5.8605

■ 29.6288, 30.0428,
36.9486

■ 15.4208, 23.4170,
4.7140

■ 32.1819, 31.2029,
44.1176

■ 14.6638, 23.0415,
4.0160

■ 34.9544, 32.4580,
52.1149

■ 14.1301, 22.7738,
3.6511

■ 37.9521, 33.8106,
60.9658

■ 41.1803, 35.2628,
70.6946

■ 44.6445, 36.8170,
81.3245

Harmonies

Analogous

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



24.4511, 26.2996, 13.8936



21.4864, 26.2996, 16.0005



19.6001, 26.2996, 21.4915

Triad

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



21.4864, 26.2996, 16.0005



22.3590, 26.2996, 48.8279



31.9891, 26.2996, 27.0897

Complementary

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



21.4864, 26.2996, 16.0005



17.5705, 15.2148, 29.6159

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.



31.3034, 26.2996, 37.2102



21.4864, 26.2996, 16.0005



25.5509, 26.2996, 51.2624

Square

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



21.4864, 26.2996, 16.0005



20.0714, 26.2996, 40.5537



28.8705, 26.2996, 46.6146



30.6688, 26.2996, 19.3166

Rectangle

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



21.4864, 26.2996, 16.0005



19.1079, 26.2996, 27.0223



28.8705, 26.2996, 46.6146



31.9866, 26.2996, 30.3122

Sweetspot

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



21.4871, 26.3008, 16.0011



45.6986, 50.4350, 46.4190



21.0004, 20.4570, 14.8988



10.3248, 11.4639, 10.3197



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.



21.4871, 26.3008, 16.0011



36.5511, 46.1992, 24.3101



18.4341, 24.7269, 15.8582



6.0294, 6.6230, 6.2010



12.2781, 19.7574, 3.1664



0.1841, 0.2592, 0.0403

Inverse Universe

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



17.5705, 15.2148, 29.6159



28.4645, 23.3024, 52.4322



21.1668, 17.0687, 29.7842



5.7195, 5.7464, 7.2774



6.3459, 2.7440, 24.1262



0.1102, 0.0504, 0.2968

Previews

White Background



This preview shows how the XYZ color 21.4864, 26.2996, 16.0005 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 21.4864, 26.2996, 16.0005 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 21.4864, 26.2996, 16.0005

Background



This preview shows how black text looks on a background with the XYZ color 21.4864, 26.2996, 16.0005.



This preview shows how white text looks on a background with the XYZ color 21.4864, 26.2996,

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

21.4864, 26.2996, 16.0005

Protanopia

24.2983, 26.1985, 15.0854

Deuteranopia

26.6992, 26.1365, 16.4696



Tritanopia

24.8771, 26.0915, 33.4308

Trichromacy



Original Color

21.4864, 26.2996, 16.0005

Protanomaly

23.1824, 26.2775, 15.4055

Deuteranomaly

24.5798, 26.0999, 16.3127

Tritanomaly

23.4162, 26.1637, 26.0062

Monochromacy



Original Color

21.4864, 26.2996, 16.0005

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.6261, 25.1728, 22.4052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4864, 26.2996, 16.0005 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(127, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 147, 100)  
}
```

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(127, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 147, 100) }
```

Border

The CSS property to change the border of an element to XYZ 21.4864, 26.2996, 16.0005 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(127, 147, 100) }
```


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

```
.border{ border-color:rgb(127, 147, 100) }
```

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

Here you see how a box with a 4 pixel rgb(127, 147, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 147,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4864, 26.2996, 16.0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 147, 100) }
```

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

```
.background{ background-color: rgb(127,  
147, 100) }
```

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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