

Converting Colors

XYZ(21.0974, 26.2903, 17.3757)

Have a look what the booklet for
XYZ(21.0974, 26.2903, 17.3757)
contains.

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Color

**XYZ(21.1657, 26.3373,
17.3327)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9469
RGB	122, 148, 105
RGB Percent	48%, 58%, 41%
CMY	0.5216, 0.4196, 0.5882
CMYK	0.18, 0.00, 0.29, 0.42
HSL	96°, 17%, 50%
HSV	96°, 29%, 58%
XYZ	21.1657, 26.3373, 17.3327
YIQ	135.3240, -1.6930, -18.8850

Conversions

Conversions Part 2

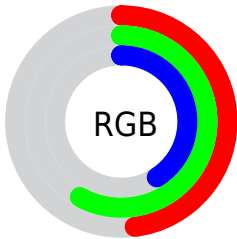
Format	Color
RYB	105, 148, 131
Decimal	8033385
CIELab	58.36, -17.44, 19.81
CIElCh	58, 26.388, 131.355
Yxy	26.3373, 0.3265, 0.4062
Android (android.graphics.Color)	4286223465 (0xFF7A9469)
YUV	135.3240, -14.9497, -11.6851
Hunter-Lab	51.3199, -16.1916, 15.8994

Details

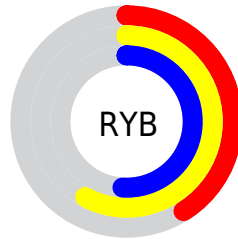
The XYZ color **21.1657, 26.3373, 17.3327** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.7582, 17.0674, 30.2714**, and the grayscale version is **23.2044, 24.4128, 26.5855**.

A 20% lighter version of the original color is **44.8005, 53.7553, 39.4671**, and **7.7609, 10.2613, 5.4425** is the 20% darker color. If you saturate the color by 10%, you get **19.2610, 25.4366, 13.6124**, and if you desaturate by 10%, it is **23.3209, 27.3535, 21.7569**.

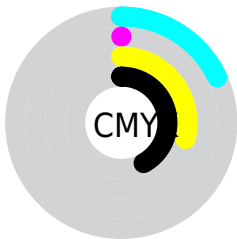
Distribution



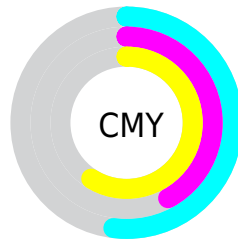
- Red (48%)
- Green (58%)
- Blue (41%)



- Red (41%)
- Yellow (58%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1657, 26.3373, 17.3327 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 21.1657, 26.3373, 17.3327 by changing the saturation by 10% instead.

■ 21.1657, 26.3373,
17.3327

■ 21.1657, 26.3373,
17.3327

250.8729,
284.4340, 249.1909

■ 13.3583, 17.0761,
10.3075

■ 44.8523, 53.8186,
39.6954

■ 7.7545, 10.2888,
5.4951

■ 61.4623, 72.8075,
55.8700

■ 3.9887, 5.5909,
2.4768

■ 81.7372, 95.8078,
75.9314

■ 1.6957, 2.5979,
0.8278

■ 106.0424,
123.2039, 100.2983

■ 0.4536, 0.9256,
0.0000

134.7432,
155.3802, 129.3892

■ 0.0000, 0.0000,
0.0000

168.2050,

192.7210, 163.6225

206.7931,
235.6108, 203.4169

■ 21.1657, 26.3373,
17.3327

■ 21.1657, 26.3373,
17.3327

■ 19.2610, 25.4366,
13.6124

■ 23.3209, 27.3535,
21.7569

■ 17.5948, 24.6435,
10.5581

■ 25.7340, 28.4857,
26.9171

■ 16.1570, 23.9545,
8.1308

■ 28.4145, 29.7391,
32.8452

■ 14.9359, 23.3646,
6.2868

■ 31.3708, 31.1174,
39.5710

■ 13.9186, 22.8681,
4.9767

■ 34.6109, 32.6239,
47.1225

■ 13.0904, 22.4587,
4.1431

■ 38.1426, 34.2622,
55.5264

■ 12.4226, 22.1245,
3.6559

■ 41.9731, 36.0355,
64.8082

■ 12.3649, 22.0957,
3.6132

■ 46.1097, 37.9468,
74.9925

■ 50.5591, 39.9992,
86.1026

Harmonies

Analogous

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



23.8350, 26.3373, 14.5835



21.1657, 26.3373, 17.3327



19.6194, 26.3373, 23.3800

Triad

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



21.1657, 26.3373, 17.3327



23.1077, 26.3373, 48.9405



31.5974, 26.3373, 25.3297

Complementary

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



21.1657, 26.3373, 17.3327



19.7582, 17.0674, 30.2714

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.



31.3603, 26.3373, 34.7188



21.1657, 26.3373, 17.3327



26.2700, 26.3373, 49.7774

Square

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



21.1657, 26.3373, 17.3327



20.6725, 26.3373, 42.0402



29.3444, 26.3373, 44.1283



29.9668, 26.3373, 18.4958

Rectangle

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



21.1657, 26.3373, 17.3327



19.3463, 26.3373, 29.0977



29.3444, 26.3373, 44.1283



31.7369, 26.3373, 28.2601

Sweetspot

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



21.1664, 26.3384, 17.3333



45.3479, 50.2328, 47.3694



22.8531, 23.4958, 16.6957



10.2157, 11.4032, 10.5177



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.



21.1664, 26.3384, 17.3333



35.0636, 45.3915, 26.0859



19.1929, 25.2949, 18.4242



5.9336, 6.5736, 6.1966



10.5901, 18.8873, 3.0875



0.1612, 0.2474, 0.0393

Inverse Universe

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



19.7582, 17.0674, 30.2714



32.1518, 26.2432, 52.8054



22.2765, 18.4043, 28.6451



5.8156, 5.7959, 7.2819



8.1567, 3.6775, 24.2110



0.1331, 0.0622, 0.2979

Previews

White Background



This preview shows how the XYZ color 21.1657, 26.3373, 17.3327 looks on a white background.

Color Contrast Check

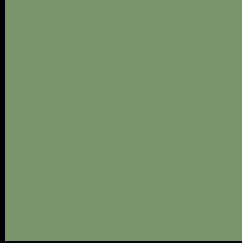
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1657, 26.3373, 17.3327 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 21.1657, 26.3373, 17.3327

Background



This preview shows how black text looks on a background with the XYZ color 21.1657, 26.3373, 17.3327.



This preview shows how white text looks on a background with the XYZ color 21.1657, 26.3373,

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

21.1657, 26.3373, 17.3327

Protanopia

24.4895, 26.2751, 16.0928

Deuteranopia

26.5417, 26.0254, 17.8119



Tritanopia

24.4760, 26.3130, 33.9259

Trichromacy



Original Color

21.1657, 26.3373, 17.3327

Protanomaly

23.0360, 26.1797, 16.4094

Deuteranomaly

24.2809, 25.9163, 17.6325

Tritanomaly

23.0214, 26.1597, 27.1285

Monochromacy



Original Color

21.1657, 26.3373, 17.3327

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2221, 24.9572, 22.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1657, 26.3373, 17.3327 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(122, 148, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 148, 105)  
}
```

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(122, 148, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 148, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.1657, 26.3373, 17.3327 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(122, 148, 105) }
```


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

```
.border{ border-color:rgb(122, 148, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 148, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 148, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 148, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 148,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1657, 26.3373, 17.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 148, 105) }
```

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

```
.background{ background-color: rgb(122,  
148, 105) }
```

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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