

Converting Colors

XYZ(16.4908, 22.0001, 14.7952)

Have a look what the booklet for
XYZ(16.4908, 22.0001, 14.7952)
contains.

XYZ(16.4273, 21.9250, 14.6754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4273, 21.9250,
14.6754)**

Conversions

Conversions Part 1

Format	Color
Hex	628B61
RGB	98, 139, 97
RGB Percent	38%, 55%, 38%
CMY	0.6157, 0.4549, 0.6196
CMYK	0.29, 0.00, 0.30, 0.45
HSL	119°, 18%, 46%
HSV	119°, 30%, 55%
XYZ	16.4273, 21.9250, 14.6754
YIQ	121.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

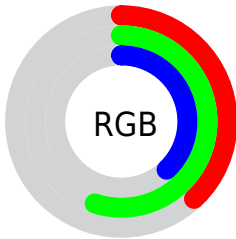
Format	Color
R_{YB}	97, 139, 138
Decimal	6458209
CIE _{Lab}	53.95, -22.98, 18.06
CIE _{LCh}	54, 29.228, 141.847
Yxy	21.9250, 0.3098, 0.4135
Android (android.graphics.Color)	4284648289 (0xFF628B61)
YUV	121.9530, -12.3018, -21.0068
Hunter-Lab	46.8241, -19.3191, 14.1945

Details

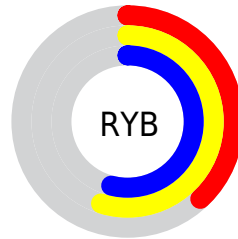
The XYZ color **16.4273, 21.9250, 14.6754** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.4171, 15.8174, 26.4569**, and the grayscale version is **18.5253, 19.4900, 21.2246**.

A 20% lighter version of the original color is **36.9929, 46.7621, 35.0932**, and **5.4147, 8.0280, 4.2818** is the 20% darker color. If you saturate the color by 10%, you get **14.4932, 20.9970, 11.4930**, and if you desaturate by 10%, it is **18.7244, 23.0283, 18.4686**.

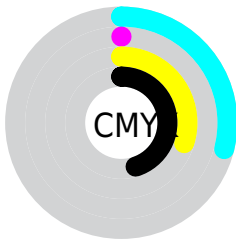
Distribution



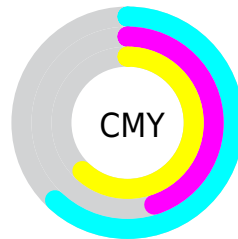
- Red (38%)
- Green (55%)
- Blue (38%)



- Red (38%)
- Yellow (55%)
- Blue (54%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4273, 21.9250, 14.6754 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 16.4273, 21.9250, 14.6754 by changing the saturation by 10% instead.

■ 16.4273, 21.9250,
14.6754

■ 16.4273, 21.9250,
14.6754

225.0713,
262.1544, 232.9657

■ 9.9198, 13.8018,
8.4478

■ 36.8899, 46.6220,
35.0169

■ 5.4077, 7.9829,
4.2909

■ 51.5758, 63.9646,
49.9680

■ 2.5256, 4.0840,
1.7863

■ 69.7184, 85.1491,
68.6639

■ 0.9082, 1.7207,
0.4189

■ 91.6832, 110.5600,
91.5232

■ 0.0000, 0.4370,
0.0000

117.8355,
140.5815, 118.9645

■ 0.0000, 0.0000,
0.0000

148.5408,

175.5982, 151.4064

184.1642,
215.9943, 189.2672

■ 16.4273, 21.9250,
14.6754

■ 16.4273, 21.9250,
14.6754

■ 14.4932, 20.9970,
11.4930

■ 18.7244, 23.0283,
18.4686

■ 12.9019, 20.2327,
8.8882

■ 21.4000, 24.3122,
22.9006

■ 11.6339, 19.6233,
6.8268


■ 24.4705, 25.7855,
27.9996


■ 10.6671, 19.1584,
5.2703


■ 27.9512, 27.4553,
33.7914


■ 9.9766, 18.8259,
4.1754


■ 31.8564, 29.3284,
40.3007


 9.5334, 18.6121,
3.4914

 36.1997, 31.4115,
47.5508

 9.2745, 18.4875,
3.0796

 40.9940, 33.7107,
55.5640

 46.2520, 36.2320,
64.3618

 51.9855, 38.9811,
73.9646

Harmonies

Analogous

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



18.6641, 21.9250, 11.1145



16.4273, 21.9250, 14.6754



15.3970, 21.9250, 21.4948

Triad

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



16.4273, 21.9250, 14.6754



19.9914, 21.9250, 45.5058



26.9857, 21.9250, 17.9785

Complementary

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



16.4273, 21.9250, 14.6754



19.4171, 15.8174, 26.4569

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.



27.4325, 21.9250, 26.4195



16.4273, 21.9250, 14.6754



23.1768, 21.9250, 43.8787

Square

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



16.4273, 21.9250, 14.6754



17.3148, 21.9250, 40.2881



25.9774, 21.9250, 36.2805



24.8117, 21.9250, 12.6596

Rectangle

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



16.4273, 21.9250, 14.6754



15.4526, 21.9250, 27.6163



25.9774, 21.9250, 36.2805



27.3511, 21.9250, 20.4835

Sweetspot

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



16.4279, 21.9259, 14.6759



38.8502, 43.7905, 41.8855



21.8373, 24.4156, 14.8713



8.7962, 10.0156, 9.3929



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.4279, 21.9259, 14.6759



27.0720, 38.1373, 22.4184



17.3505, 22.2826, 20.0937



4.9821, 5.6135, 5.3733



8.3724, 16.6861, 2.7795



0.0569, 0.1115, 0.0185

Inverse Universe

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



19.4171, 15.8174, 26.4569



33.2823, 25.4429, 46.8998



18.2768, 15.3805, 19.5851



5.2223, 5.1230, 6.3194



13.3271, 6.3845, 22.5756



0.0903, 0.0433, 0.1501

Previews

White Background



This preview shows how the XYZ color 16.4273, 21.9250, 14.6754 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 16.4273, 21.9250, 14.6754 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 16.4273, 21.9250, 14.6754

Background



This preview shows how black text looks on a background with the XYZ color 16.4273, 21.9250, 14.6754.



This preview shows how white text looks on a background with the XYZ color 16.4273, 21.9250,

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

16.4273, 21.9250, 14.6754

Protanopia

20.1322, 21.6143, 13.2361

Deuteranopia

21.9609, 21.5700, 15.0626



Tritanopia

19.3654, 21.8528, 29.5829

Trichromacy



Original Color

16.4273, 21.9250, 14.6754

Protanomaly

18.4400, 21.5216, 13.7719

Deuteranomaly

19.4625, 21.4267, 14.9144

Tritanomaly

18.0883, 21.7438, 23.3223

Monochromacy



Original Color

16.4273, 21.9250, 14.6754

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.5099, 20.1413, 18.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4273, 21.9250, 14.6754 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(98, 139, 97)` looks like.

```
.text, #text, p{  
    color:rgb(98, 139, 97)  
}
```

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(98, 139, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 139, 97) }
```

Border

The CSS property to change the border of an element to XYZ 16.4273, 21.9250, 14.6754 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(98, 139, 97) }
```


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

```
.border{ border-color:rgb(98, 139, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 139, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 139, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 139, 97);  
box-shadow:4px 4px 4px 4px rgb(98, 139,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4273, 21.9250, 14.6754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 139, 97) }
```

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

```
.background{ background-color: rgb(98, 139,  
97) }
```

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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