

Converting Colors

XYZ(14.2165, 19.8363, 17.1974)

Have a look what the booklet for
XYZ(14.2165, 19.8363, 17.1974)
contains.

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Color

**XYZ(14.2724, 19.9065,
17.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	4B876C
RGB	75, 135, 108
RGB Percent	29%, 53%, 42%
CMY	0.7059, 0.4706, 0.5765
CMYK	0.44, 0.00, 0.20, 0.47
HSL	153°, 29%, 41%
HSV	153°, 44%, 53%
XYZ	14.2724, 19.9065, 17.2775
YIQ	113.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

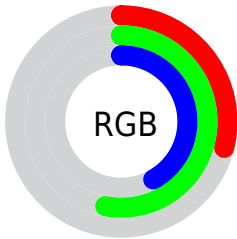
Format	Color
RYB	75, 114, 135
Decimal	4949868
CIELab	51.73, -26.19, 8.50
CIElCh	52, 27.531, 162.014
Yxy	19.9065, 0.2774, 0.3869
Android (android.graphics.Color)	4283139948 (0xFF4B876C)
YUV	113.9820, -2.9491, -34.1872
Hunter-Lab	44.6167, -20.9790, 8.2721

Details

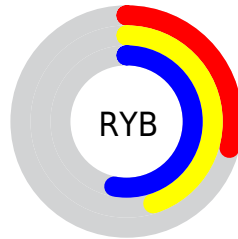
The XYZ color **14.2724, 19.9065, 17.2775** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.9067, 11.1428, 13.9362**, and the grayscale version is **16.0036, 16.8371, 18.3356**.

A 20% lighter version of the original color is **33.2080, 43.4104, 39.4297**, and **4.4217, 7.0045, 5.5338** is the 20% darker color. If you saturate the color by 10%, you get **13.0144, 19.2946, 15.5894**, and if you desaturate by 10%, it is **15.7781, 20.6446, 19.0957**.

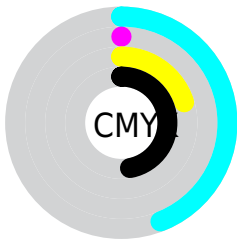
Distribution



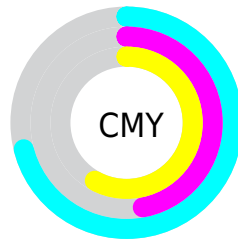
- Red (29%)
- Green (53%)
- Blue (42%)



- Red (29%)
- Yellow (45%)
- Blue (53%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (47%)



- Cyan (71%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2724, 19.9065, 17.2775 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 14.2724, 19.9065, 17.2775 by changing the saturation by 10% instead.

■ 14.2724, 19.9065,
17.2775

■ 14.2724, 19.9065,
17.2775

212.3958,
251.4085, 248.8644

■ 8.3933, 12.3271,
10.2685

■ 33.1538, 43.2604,
39.5994

■ 4.4016, 6.9669,
5.4694

■ 46.8869, 59.8036,
55.7495

■ 1.9317, 3.4414,
2.4617

■ 63.9687, 80.1036,
75.7836

■ 0.5952, 1.3663,
0.8198

■ 84.7645, 104.5447,
100.1203

■ 0.0000, 0.1917,
0.0000

■ 109.6398,
133.5114, 129.1782

■ 0.0000, 0.0000,
0.0000

138.9599,

167.3880, 163.3758

173.0901,
206.5589, 203.1317

■ 14.2724, 19.9065,
17.2775

■ 14.2724, 19.9065,
17.2775

■ 13.0144, 19.2946,
15.5894

■ 15.7781, 20.6446,
19.0957

■ 11.9878, 18.7988,
14.0270

■ 17.5434, 21.5133,
21.0455

■ 11.1766, 18.4117,
12.5876


■ 19.5814, 22.5199,
23.1303


■ 10.5621, 18.1235,
11.2676


■ 21.9036, 23.6702,
25.3528


■ 10.1199, 17.9217,
10.0633

■ 24.5210, 24.9700,
27.7157

 9.9088, 17.8264,
9.4413

 27.4440, 26.4244,
30.2214

 30.6824, 28.0385,
32.8726

 34.2456, 29.8172,
35.6715

 38.1427, 31.7649,
38.6206

Harmonies

Analogous

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



15.5593, 19.9065, 12.1637



14.2724, 19.9065, 17.2775



14.1531, 19.9065, 25.0249

Triad

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



14.2724, 19.9065, 17.2775



20.0567, 19.9065, 40.3919



23.1826, 19.9065, 12.9483

Complementary

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



14.2724, 19.9065, 17.2775



14.9067, 11.1428, 13.9362

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.



24.6537, 19.9065, 18.6379



14.2724, 19.9065, 17.2775



22.7340, 19.9065, 35.1759

Square

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



14.2724, 19.9065, 17.2775



17.3154, 19.9065, 39.7692



24.4819, 19.9065, 26.7613



20.6219, 19.9065, 10.1193

Rectangle

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



14.2724, 19.9065, 17.2775



14.7351, 19.9065, 30.8595



24.4819, 19.9065, 26.7613



23.8317, 19.9065, 14.5214

Sweetspot

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



14.2729, 19.9073, 17.2780



35.5183, 40.5514, 41.8667



15.5281, 20.7204, 9.8379



8.0471, 9.3029, 9.5195



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.2729, 19.9073, 17.2780



23.3581, 34.5771, 27.9916



15.6630, 20.0210, 25.9615



4.7155, 5.2444, 5.5129



9.1436, 16.4403, 8.7415



0.0354, 0.0584, 0.0497

Inverse Universe

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



14.9067, 11.1428, 13.9362



24.6434, 16.8365, 21.2399



13.9161, 10.9671, 8.0403



4.7532, 4.7210, 5.3127



9.9907, 5.0606, 4.5235



0.0382, 0.0190, 0.0346

Previews

White Background



This preview shows how the XYZ color 14.2724, 19.9065, 17.2775 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 14.2724, 19.9065, 17.2775 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 14.2724, 19.9065, 17.2775

Background



This preview shows how black text looks on a background with the XYZ color 14.2724, 19.9065, 17.2775.



This preview shows how white text looks on a background with the XYZ color 14.2724, 19.9065,

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

14.2724, 19.9065, 17.2775

Protanopia

18.5637, 19.6242, 15.3798

Deuteranopia

20.0505, 19.6157, 18.0587



Tritanopia

16.4913, 19.9947, 28.1895

Trichromacy



Original Color

14.2724, 19.9065, 17.2775

Protanomaly

16.5185, 19.4932, 15.9887

Deuteranomaly

17.2794, 19.2760, 17.8488

Tritanomaly

15.5220, 19.7930, 23.7712

Monochromacy



Original Color

14.2724, 19.9065, 17.2775

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.1397, 17.7982, 17.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2724, 19.9065, 17.2775 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(75, 135, 108)` looks like.

```
.text, #text, p{  
    color:rgb(75, 135, 108)  
}
```

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(75, 135, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 135, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.2724, 19.9065, 17.2775 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(75, 135, 108) }
```


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

```
.border{ border-color:rgb(75, 135, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 135, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 135, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 135, 108);  
box-shadow:4px 4px 4px 4px rgb(75, 135,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2724, 19.9065, 17.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 135, 108) }
```

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

```
.background{ background-color: rgb(75, 135,  
108) }
```

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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