

Converting Colors

XYZ(14.1969, 18.0880, 20.8033)

Have a look what the booklet for
XYZ(14.1969, 18.0880, 20.8033)
contains.

XYZ(14.1365, 17.9644, 20.8116)	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(14.1365, 17.9644,
20.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7E79
RGB	79, 126, 121
RGB Percent	31%, 49%, 47%
CMY	0.6902, 0.5059, 0.5255
CMYK	0.37, 0.00, 0.04, 0.51
HSL	174°, 23%, 40%
HSV	174°, 37%, 49%
XYZ	14.1365, 17.9644, 20.8116
YIQ	111.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

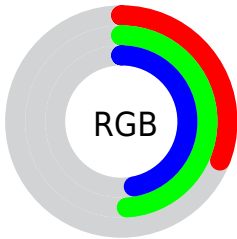
Format	Color
RYB	79, 104, 126
Decimal	5209721
CIELab	49.45, -17.21, -2.36
CIELCh	49, 17.371, 187.798
Yxy	17.9644, 0.2672, 0.3395
Android (android.graphics.Color)	4283399801 (0xFF4F7E79)
YUV	111.3770, 4.7441, -28.3946
Hunter-Lab	42.3844, -14.6376, 0.5565

Details

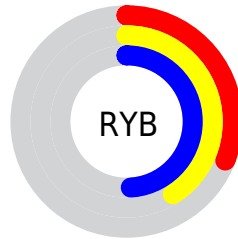
The XYZ color **14.1365, 17.9644, 20.8116** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.0010, 10.6682, 9.7621**, and the grayscale version is **15.2115, 16.0037, 17.4281**.

A 20% lighter version of the original color is **32.8688, 40.0032, 45.5242**, and **4.3632, 6.0500, 7.2411** is the 20% darker color. If you saturate the color by 10%, you get **13.1047, 17.4424, 20.3374**, and if you desaturate by 10%, it is **15.3692, 18.5908, 21.3019**.

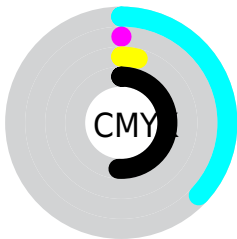
Distribution



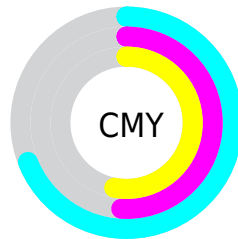
- Red (31%)
- Green (49%)
- Blue (47%)



- Red (31%)
- Yellow (41%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1365, 17.9644, 20.8116 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 14.1365, 17.9644, 20.8116 by changing the saturation by 10% instead.

■ 14.1365, 17.9644,
20.8116

■ 14.1365, 17.9644,
20.8116

211.5720,
240.6703, 269.0236

■ 8.2980, 10.9244,
12.7965

■ 32.9153, 39.9767,
45.6505

■ 4.3396, 6.0160,
7.1595

■ 46.5863, 55.7177,
63.3113

■ 1.8960, 2.8548,
3.4821

■ 63.5988, 75.1280,
85.0244

■ 0.5745, 1.0564,
1.3457

■ 84.3182, 98.5917,
111.2084

■ 0.0000, 0.0000,
0.0988

■ 109.1099,
126.4935, 142.2818

■ 0.0000, 0.0000,
0.0000

138.3392,

159.2176, 178.6631

172.3714,
197.1484, 220.7709

■ 14.1365, 17.9644,
20.8116

■ 14.1365, 17.9644,
20.8116

■ 13.1047, 17.4424,
20.3374

■ 15.3692, 18.5908,
21.3019

■ 12.2609, 17.0167,
19.8776

■ 16.8116, 19.3247,
21.8077

■ 11.5933, 16.6817,
19.4320

■ 18.4739, 20.1718,
22.3297

■ 11.0880, 16.4302,
18.9998

■ 20.3652, 21.1368,
22.8685

■ 10.7291, 16.2541,
18.5803

■ 22.4939, 22.2241,
23.4245

■ 10.4819, 16.1355,
18.1720

■ 24.8682, 23.4378,
23.9980

■ 10.4190, 16.1054,
18.0629

■ 27.4958, 24.7821,
24.5895

■ 30.3841, 26.2605,
25.1993

■ 33.5402, 27.8769,
25.8279

Harmonies

Analogous

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



14.3177, 17.9644, 16.3416



14.1365, 17.9644, 20.8116



14.7017, 17.9644, 25.6351

Triad

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



14.1365, 17.9644, 20.8116



19.0816, 17.9644, 27.6012



18.2944, 17.9644, 12.3323

Complementary

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



14.1365, 17.9644, 20.8116



13.0010, 10.6682, 9.7621

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.



19.6901, 17.9644, 14.5299



14.1365, 17.9644, 20.8116



20.1645, 17.9644, 23.1758

Square

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



14.1365, 17.9644, 20.8116



17.5062, 17.9644, 29.9439



20.3940, 17.9644, 18.3600



16.6502, 17.9644, 11.9063

Rectangle

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



14.1365, 17.9644, 20.8116



15.4484, 17.9644, 28.2425



20.3940, 17.9644, 18.3600



18.8112, 17.9644, 12.8691

Sweetspot

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



14.1370, 17.9651, 20.8120



31.3122, 34.8912, 38.9367



12.5723, 17.3941, 10.0923



7.0506, 7.8999, 8.8343



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.1370, 17.9651, 20.8120



23.2747, 30.8066, 35.8999



12.3517, 13.8908, 21.7696



4.4273, 4.8793, 5.4216



10.6876, 16.5216, 18.5254



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0010, 10.6682, 9.7621



20.9658, 15.9534, 13.4245



14.2923, 13.5532, 9.2603



4.3449, 4.3511, 4.6210



8.9034, 4.5811, 0.8152



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1365, 17.9644, 20.8116 looks on a white 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

Black Background



This preview shows how the XYZ color 14.1365, 17.9644, 20.8116 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 14.1365, 17.9644, 20.8116

Background



This preview shows how black text looks on a background with the XYZ color 14.1365, 17.9644, 20.8116.



This preview shows how white text looks on a background with the XYZ color 14.1365, 17.9644,

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

14.1365, 17.9644, 20.8116

Protanopia

17.1214, 17.9055, 19.0767

Deuteranopia

18.1129, 17.8498, 21.5595



Tritanopia

14.9904, 17.9304, 25.2251

Trichromacy



Original Color

14.1365, 17.9644, 20.8116

Protanomaly

15.6954, 17.6840, 19.7257

Deuteranomaly

16.2379, 17.5751, 21.2754

Tritanomaly

14.6894, 18.0015, 23.4693

Monochromacy



Original Color

14.1365, 17.9644, 20.8116

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4855, 16.3812, 18.6181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1365, 17.9644, 20.8116 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(79, 126, 121)` looks like.

```
.text, #text, p{  
    color:rgb(79, 126, 121)  
}
```

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(79, 126, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 126, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.1365, 17.9644, 20.8116 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(79, 126, 121) }
```


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

```
.border{ border-color:rgb(79, 126, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 126, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 126, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 126, 121);  
box-shadow:4px 4px 4px 4px rgb(79, 126,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1365, 17.9644, 20.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 126, 121) }
```

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

```
.background{ background-color: rgb(79, 126,  
121) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor