

Converting Colors

XYZ(14.1580, 17.3181, 20.1089)

Have a look what the booklet for
XYZ(14.1580, 17.3181, 20.1089)
contains.

XYZ(14.1271, 17.2294, 20.0338)	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(14.1271, 17.2294,
20.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	567A77
RGB	86, 122, 119
RGB Percent	34%, 48%, 47%
CMY	0.6627, 0.5216, 0.5333
CMYK	0.30, 0.00, 0.02, 0.52
HSL	175°, 17%, 41%
HSV	175°, 30%, 48%
XYZ	14.1271, 17.2294, 20.0338
YIQ	110.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

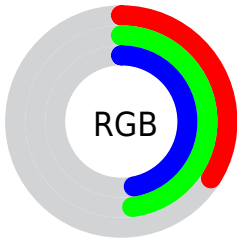
Format	Color
R_{YB}	86, 105, 122
Decimal	5667447
CIE _{Lab}	48.55, -13.37, -2.46
CIE _{LCh}	49, 13.593, 190.444
Yxy	17.2294, 0.2749, 0.3353
Android (android.graphics.Color)	4283857527 (0xFF567A77)
YUV	110.8940, 3.9963, -21.8320
Hunter-Lab	41.5083, -11.8882, 0.4398

Details

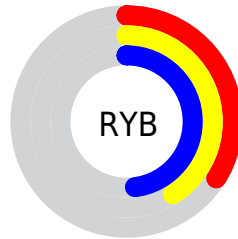
The XYZ color **14.1271, 17.2294, 20.0338** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.1577, 11.5150, 10.9811**, and the grayscale version is **15.0722, 15.8571, 17.2684**.

A 20% lighter version of the original color is **32.8033, 38.5307, 44.2363**, and **4.3192, 5.6321, 6.8207** is the 20% darker color. If you saturate the color by 10%, you get **13.0377, 16.6752, 19.6660**, and if you desaturate by 10%, it is **15.4100, 17.8841, 20.4148**.

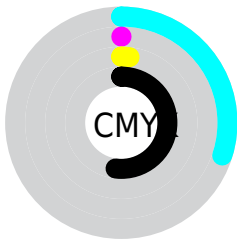
Distribution



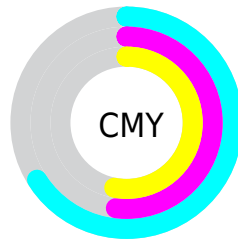
- Red (34%)
- Green (48%)
- Blue (47%)



- Red (34%)
- Yellow (41%)
- Blue (48%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (66%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1271, 17.2294, 20.0338 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 14.1271, 17.2294, 20.0338 by changing the saturation by 10% instead.

■ 14.1271, 17.2294,
20.0338

■ 14.1271, 17.2294,
20.0338

■ 211.5149,
236.4909, 264.7083

■ 8.2914, 10.3982,
12.2353

■ 32.8988, 38.7198,
44.3336

■ 4.3353, 5.6638,
6.7797

■ 46.5654, 54.1477,
61.6719

■ 1.8935, 2.6417,
3.2483

■ 63.5732, 73.2100,
83.0273

■ 0.5731, 0.9477,
1.2228

■ 84.2873, 96.2911,
108.8182

■ 0.0000, 0.0000,
0.0000

■ 109.0732,
123.7753, 139.4632

138.2962,

156.0471, 175.3809

172.3216,
193.4908, 216.9897

■ 14.1271, 17.2294,
20.0338

■ 14.1271, 17.2294,
20.0338

■ 13.0377, 16.6752,
19.6660

■ 15.4100, 17.8841,
20.4148

■ 12.1305, 16.2145,
19.3097

■ 16.8938, 18.6419,
20.8083

■ 11.3953, 15.8424,
18.9649

■ 18.5876, 19.5078,
21.2151

■ 10.8206, 15.5529,
18.6310

■ 20.4993, 20.4860,
21.6355

■ 10.3932, 15.3393,
18.3073

■ 22.6366, 21.5804,
22.0699

■ 10.0978, 15.1936,
17.9932

■ 25.0066, 22.7947,
22.5186

■ 9.8853, 15.0907,
17.6863

■ 27.6162, 24.1325,
22.9821

■ 9.8750, 15.0857,
17.6713

■ 30.4720, 25.5970,
23.4606

■ 33.5804, 27.1918,
23.9543

Harmonies

Analogous

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



14.2167, 17.2294, 16.5517



14.1271, 17.2294, 20.0338



14.6164, 17.2294, 23.5819

Triad

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



14.1271, 17.2294, 20.0338



17.9830, 17.2294, 24.4929



17.1927, 17.2294, 12.9991

Complementary

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



14.1271, 17.2294, 20.0338



13.1577, 11.5150, 10.9811

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.



18.2715, 17.2294, 14.6445



14.1271, 17.2294, 20.0338



18.7436, 17.2294, 21.1563

Square

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



14.1271, 17.2294, 20.0338



16.8150, 17.2294, 26.3649



18.8518, 17.2294, 17.5412



15.9448, 17.2294, 12.7791

Rectangle

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



14.1271, 17.2294, 20.0338



15.2203, 17.2294, 25.3975



18.8518, 17.2294, 17.5412



17.5888, 17.2294, 13.3930

Sweetspot

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



14.1276, 17.2301, 20.0342



29.8014, 32.8369, 36.6271



12.8175, 16.7453, 11.3612



6.7379, 7.4692, 8.3556



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.1276, 17.2301, 20.0342



23.6006, 29.6736, 34.8319



12.6717, 14.0252, 20.4523



4.0933, 4.5070, 5.0254



10.3950, 15.8817, 18.5967



49.4327, 75.6961, 87.9056

Inverse Universe

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



13.1577, 11.5150, 10.9811



21.6209, 18.0026, 16.3498



14.3020, 14.0014, 10.7533



4.0106, 4.0200, 4.2536



8.5072, 4.3790, 0.6961



40.4438, 20.8339, 2.6015

Previews

White Background



This preview shows how the XYZ color 14.1271, 17.2294, 20.0338 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 14.1271, 17.2294, 20.0338 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1271, 17.2294, 20.0338

Background



This preview shows how black text looks on a background with the XYZ color 14.1271, 17.2294, 20.0338.



This preview shows how white text looks on a background with the XYZ color 14.1271, 17.2294,

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

14.1271, 17.2294, 20.0338

Protanopia

16.4479, 17.0543, 18.6446

Deuteranopia

17.4137, 17.1798, 20.4874



Tritanopia

14.7702, 17.1194, 23.6450

Trichromacy



Original Color

14.1271, 17.2294, 20.0338

Protanomaly

15.4575, 17.0477, 18.9988

Deuteranomaly

16.0660, 17.1618, 20.2351

Tritanomaly

14.5337, 17.2073, 22.2940

Monochromacy



Original Color

14.1271, 17.2294, 20.0338

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.6475, 16.3012, 18.2940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1271, 17.2294, 20.0338 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(86, 122, 119) looks like.

```
.text, #text, p{  
    color:rgb(86, 122, 119)  
}
```

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(86, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 122, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.1271, 17.2294, 20.0338 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(86, 122, 119) }
```


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

```
.border{ border-color:rgb(86, 122, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 122, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 122, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 122, 119);  
box-shadow:4px 4px 4px 4px rgb(86, 122,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1271, 17.2294, 20.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 122, 119) }
```

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

```
.background{ background-color: rgb(86, 122,  
119) }
```

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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