

Converting Colors

XYZ(14.4088, 17.1386, 19.2807)

Have a look what the booklet for
XYZ(14.4088, 17.1386, 19.2807)
contains.

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Color

**XYZ(14.4619, 17.2344,
19.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7975
RGB	92, 121, 117
RGB Percent	36%, 47%, 46%
CMY	0.6392, 0.5255, 0.5412
CMYK	0.24, 0.00, 0.03, 0.53
HSL	172°, 14%, 42%
HSV	172°, 24%, 47%
XYZ	14.4619, 17.2344, 19.3940
YIQ	111.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

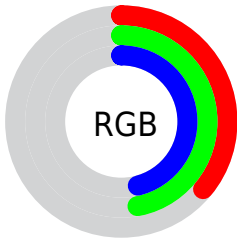
Format	Color
RYB	92, 108, 121
Decimal	6060405
CIELab	48.55, -11.32, -1.23
CIELCh	49, 11.386, 186.198
Yxy	17.2344, 0.2831, 0.3373
Android (android.graphics.Color)	4284250485 (0xFF5C7975)
YUV	111.8730, 2.5276, -17.4286
Hunter-Lab	41.5143, -10.4680, 1.3619

Details

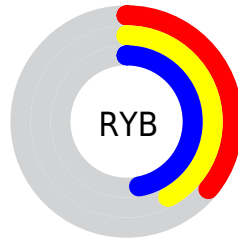
The XYZ color **14.4619, 17.2344, 19.3940** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.8242, 12.5643, 12.7636**, and the grayscale version is **15.3604, 16.1604, 17.5987**.

A 20% lighter version of the original color is **33.4327, 38.5914, 43.2229**, and **4.4737, 5.6223, 6.4796** is the 20% darker color. If you saturate the color by 10%, you get **13.2512, 16.6220, 18.8298**, and if you desaturate by 10%, it is **15.8684, 17.9485, 19.9773**.

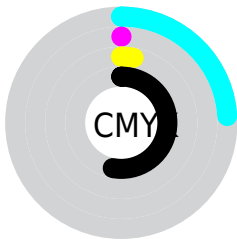
Distribution



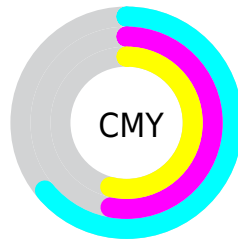
- Red (36%)
- Green (47%)
- Blue (46%)



- Red (36%)
- Yellow (42%)
- Blue (47%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4619, 17.2344, 19.3940 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 14.4619, 17.2344, 19.3940 by changing the saturation by 10% instead.

■ 14.4619, 17.2344,
19.3940

■ 14.4619, 17.2344,
19.3940

213.5393,
236.5196, 261.1101

■ 8.5265, 10.4018,
11.7756

■ 33.4858, 38.7284,
43.2443

■ 4.4882, 5.6661,
6.4704

■ 47.3051, 54.1584,
60.3134

■ 1.9819, 2.6432,
3.0598

■ 64.4829, 73.2231,
81.3698

■ 0.6238, 0.9484,
1.1252

■ 85.3848, 96.3069,
106.8320

■ 0.0000, 0.0000,
0.0000

110.3760,
123.7939, 137.1186

139.8219,

156.0688, 172.6481

174.0879,
193.5159, 213.8391

■ 14.4619, 17.2344,
19.3940

■ 14.4619, 17.2344,
19.3940

■ 13.2512, 16.6220,
18.8298

■ 15.8684, 17.9485,
19.9773

■ 12.2258, 16.1044,
18.2830

■ 17.4779, 18.7665,
20.5788

■ 11.3761, 15.6772,
17.7534

■ 19.2987, 19.6934,
21.1995

■ 10.6914, 15.3348,
17.2406

■ 21.3387, 20.7329,
21.8398

■ 10.1596, 15.0711,
16.7439

■ 23.6049, 21.8890,
22.4999

■ 9.7671, 14.8790,
16.2626

■ 26.1042, 23.1649,
23.1804

■ 9.4950, 14.7488,
15.7958

■ 28.8433, 24.5643,
23.8814

■ 9.3520, 14.6811,
15.5194

■ 31.8285, 26.0904,
24.6035

■ 35.0659, 27.7462,
25.3468

Harmonies

Analogous

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



14.6090, 17.2344, 16.5358



14.4619, 17.2344, 19.3940



14.8111, 17.2344, 22.3761

Triad

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



14.4619, 17.2344, 19.3940



17.5973, 17.2344, 23.8069



17.2058, 17.2344, 13.9740

Complementary

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



14.4619, 17.2344, 19.3940



13.8242, 12.5643, 12.7636

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.



18.0577, 17.2344, 15.5656



14.4619, 17.2344, 19.3940



18.2903, 17.2344, 21.1868

Square

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



14.4619, 17.2344, 19.3940



16.5988, 17.2344, 25.0926



18.4623, 17.2344, 18.1504



16.1646, 17.2344, 13.6026

Rectangle

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



14.4619, 17.2344, 19.3940



15.2874, 17.2344, 23.9691



18.4623, 17.2344, 18.1504



17.5251, 17.2344, 14.3751

Sweetspot

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



14.4624, 17.2351, 19.3944



30.3319, 33.1137, 36.5004



13.6305, 16.9540, 12.6796



6.9080, 7.5576, 8.3358



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.



14.4624, 17.2351, 19.3944



24.6070, 30.2087, 34.1427



13.5334, 14.9926, 20.2705



4.0844, 4.5034, 4.9784



10.0186, 15.7311, 16.6149



47.5568, 74.9458, 78.0272

Inverse Universe

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



13.8242, 12.5643, 12.7636



23.2466, 20.2448, 20.0023



14.5836, 14.3705, 12.1307



4.0188, 4.0232, 4.2964



8.5532, 4.3974, 0.9382



40.6089, 20.8999, 3.4708

Previews

White Background



This preview shows how the XYZ color 14.4619, 17.2344, 19.3940 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 14.4619, 17.2344, 19.3940 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 14.4619, 17.2344, 19.3940

Background



This preview shows how black text looks on a background with the XYZ color 14.4619, 17.2344, 19.3940.



This preview shows how white text looks on a background with the XYZ color 14.4619, 17.2344,

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

14.4619, 17.2344, 19.3940

Protanopia

16.3341, 17.0088, 18.0449

Deuteranopia

17.3264, 16.9859, 19.8182



Tritanopia

15.1754, 17.1583, 23.2809

Trichromacy



Original Color

14.4619, 17.2344, 19.3940

Protanomaly

15.5829, 17.1256, 18.4039

Deuteranomaly

16.0828, 17.0142, 19.5760

Tritanomaly

14.9323, 17.2408, 21.9428

Monochromacy



Original Color

14.4619, 17.2344, 19.3940

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9937, 16.4796, 18.3102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4619, 17.2344, 19.3940 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(92, 121, 117) looks like.

```
.text, #text, p{  
    color:rgb(92, 121, 117)  
}
```

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(92, 121, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 121, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.4619, 17.2344, 19.3940 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(92, 121, 117) }
```


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

```
.border{ border-color:rgb(92, 121, 117) }
```

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

Here you see how a box with a 4 pixel rgb(92, 121, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 121, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 121, 117);  
box-shadow:4px 4px 4px 4px rgb(92, 121,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4619, 17.2344, 19.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 121, 117) }
```

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

```
.background{ background-color: rgb(92, 121,  
117) }
```

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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