

Converting Colors

XYZ(14.5177, 17.3343, 24.4105)

Have a look what the booklet for
XYZ(14.5177, 17.3343, 24.4105)
contains.

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Color

**XYZ(14.5177, 17.3343,
24.4105)**

Conversions

Conversions Part 1

Format	Color
Hex	517A84
RGB	81, 122, 132
RGB Percent	32%, 48%, 52%
CMY	0.6823, 0.5216, 0.4823
CMYK	0.39, 0.08, 0.00, 0.48
HSL	192°, 24%, 42%
HSV	192°, 39%, 52%
XYZ	14.5177, 17.3343, 24.4105
YIQ	110.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

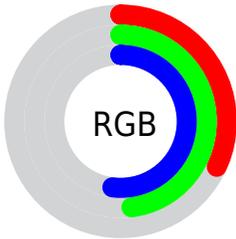
Format	Color
R_{YB}	81, 104, 132
Decimal	5339780
CIE _{Lab}	48.68, -11.51, -9.98
CIE _{LCh}	49, 15.238, 220.930
Yxy	17.3343, 0.2580, 0.3081
Android (android.graphics.Color)	4283529860 (0xFF517A84)
YUV	110.8810, 10.4117, -26.2056
Hunter-Lab	41.6345, -10.6184, -5.6179

Details

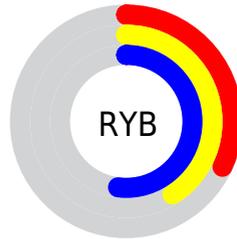
The XYZ color **14.5177, 17.3343, 24.4105** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.7423, 12.9820, 9.5138**, and the grayscale version is **15.0519, 15.8357, 17.2451**.

A 20% lighter version of the original color is **33.5659, 38.7614, 51.6115**, and **4.5090, 5.6809, 9.0425** is the 20% darker color. If you saturate the color by 10%, you get **13.1812, 16.1803, 24.2585**, and if you desaturate by 10%, it is **16.0836, 18.6200, 24.5764**.

Distribution



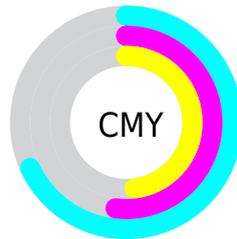
- Red (32%)
- Green (48%)
- Blue (52%)



- Red (32%)
- Yellow (41%)
- Blue (52%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (68%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5177, 17.3343, 24.4105 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 14.5177, 17.3343, 24.4105 by changing the saturation by 10% instead.

■ 14.5177, 17.3343,
24.4105

■ 14.5177, 17.3343,
24.4105

213.8749,
237.0916, 288.2424

■ 8.5657, 10.4731,
15.4234

■ 33.5835, 38.8997,
51.6515

■ 4.5138, 5.7138,
8.9672

■ 47.4280, 54.3726,
70.7424

■ 1.9967, 2.6718,
4.6232

■ 64.6340, 73.4850,
94.0383

■ 0.6321, 0.9629,
1.9731

■ 85.5670, 96.6212,
121.9579

■ 0.0000, 0.0000,
0.5387

■ 110.5922,
124.1655, 154.9195

■ 0.0000, 0.0000,
0.0000

140.0750,

156.5024, 193.3418

174.3808,
194.0163, 237.6432

■ 14.5177, 17.3343,
24.4105

■ 14.5177, 17.3343,
24.4105

■ 13.1812, 16.1803,
24.2585

■ 16.0836, 18.6200,
24.5764

■ 12.0598, 15.1491,
24.1186

■ 17.8892, 20.0416,
24.7557

■ 11.1397, 14.2341,
23.9904

■ 19.9460, 21.6053,
24.9491

■ 10.4050, 13.4270,
23.8734

■ 22.2643, 23.3168,
25.1572

■ 9.8372, 12.7181,
23.7665

■ 24.8539, 25.1810,
25.3806

■ 9.3905, 12.0837,
23.6676

■ 27.7239, 27.2028,
25.6196

■ 9.3314, 11.9990,
23.6543

■ 30.8830, 29.3869,
25.8746

■ 34.3398, 31.7375,
26.1462

■ 38.1021, 34.2590,
26.4346

Harmonies

Analogous

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



13.9629, 17.3343, 20.3795



14.5177, 17.3343, 24.4105



15.6087, 17.3343, 27.1720

Triad

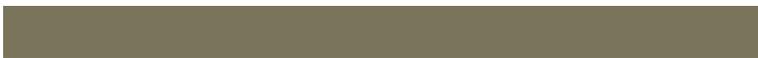
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.5177, 17.3343, 24.4105



19.1633, 17.3343, 21.5167



15.9688, 17.3343, 12.2507

Complementary

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



14.5177, 17.3343, 24.4105



14.7423, 12.9820, 9.5138

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.



17.3743, 17.3343, 12.4651



14.5177, 17.3343, 24.4105



19.2733, 17.3343, 17.4447

Square

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



14.5177, 17.3343, 24.4105



18.3098, 17.3343, 25.3441



18.6023, 17.3343, 14.2453



14.7684, 17.3343, 13.6111

Rectangle

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



14.5177, 17.3343, 24.4105



16.5196, 17.3343, 27.7157



18.6023, 17.3343, 14.2453



16.4319, 17.3343, 12.1466

Sweetspot

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



14.5182, 17.3350, 24.4109



33.7659, 37.0270, 43.8204



13.5054, 18.9964, 12.7064



7.7708, 8.5520, 10.1938



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5182, 17.3350, 24.4109



23.5709, 28.8132, 42.7723



11.8472, 11.9928, 23.5205



4.7261, 5.1279, 5.9414



9.0387, 11.6253, 22.9042



0.0362, 0.0501, 0.0810

Inverse Universe

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



15.9714, 12.1960, 19.9253



26.5651, 18.7218, 33.4187



17.2294, 17.9562, 10.3428



4.8198, 4.7476, 5.6634



11.7405, 5.7605, 13.7375



0.0432, 0.0209, 0.0606

Previews

White Background



This preview shows how the XYZ color 14.5177, 17.3343, 24.4105 looks on a white background.

Color Contrast Check

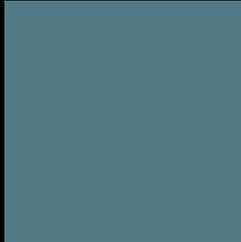
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5177, 17.3343, 24.4105 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

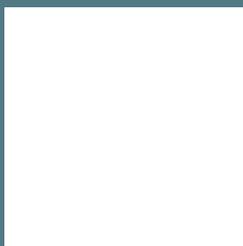
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5177, 17.3343, 24.4105

Background



This preview shows how black text looks on a background with the XYZ color 14.5177, 17.3343, 24.4105.



This preview shows how white text looks on a background with the XYZ color 14.5177, 17.3343,

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

14.5177, 17.3343, 24.4105

Protanopia

16.7875, 17.1443, 22.5031

Deuteranopia

17.4334, 17.0915, 24.9344



Tritanopia

14.5177, 17.3343, 24.4105

Trichromacy



Original Color

14.5177, 17.3343, 24.4105

Protanomaly

15.8032, 17.1323, 23.2428

Deuteranomaly

16.1879, 17.1273, 24.6430

Tritanomaly

14.5177, 17.3343, 24.4105

Monochromacy



Original Color

14.5177, 17.3343, 24.4105

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7160, 16.3027, 19.8239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5177, 17.3343, 24.4105 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(81, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(81, 122, 132)  
}
```

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(81, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.5177, 17.3343, 24.4105 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(81, 122, 132) }
```


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

```
.border{ border-color:rgb(81, 122, 132) }
```

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

Here you see how a box with a 4 pixel rgb(81, 122, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(81, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5177, 17.3343, 24.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 122, 132) }
```

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

```
.background{ background-color: rgb(81, 122,  
132) }
```

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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