

Converting Colors

XYZ(11.8333, 14.6053, 21.5975)

Have a look what the booklet for
XYZ(11.8333, 14.6053, 21.5975)
contains.

XYZ(11.8333, 14.6053, 21.5975)	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(11.8333, 14.6053,
21.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	40727D
RGB	64, 114, 125
RGB Percent	25%, 45%, 49%
CMY	0.7490, 0.5529, 0.5098
CMYK	0.49, 0.09, 0.00, 0.51
HSL	191°, 32%, 37%
HSV	191°, 49%, 49%
XYZ	11.8333, 14.6053, 21.5975
YIQ	100.3040, -33.3310, -7.1790

Conversions

Conversions Part 2

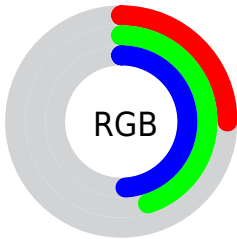
Format	Color
RYB	64, 91, 125
Decimal	4223613
CIELab	45.09, -13.65, -11.31
CIELCh	45, 17.727, 219.658
Yxy	14.6053, 0.2463, 0.3040
Android (android.graphics.Color)	4282413693 (0xFF40727D)
YUV	100.3040, 12.1751, -31.8386
Hunter-Lab	38.2169, -11.6096, -6.7547

Details

The XYZ color **11.8333, 14.6053, 21.5975** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.8991, 9.7624, 6.1079**, and the grayscale version is **12.1670, 12.8007, 13.9399**.

A 20% lighter version of the original color is **28.8746, 34.1998, 47.1988**, and **3.3278, 4.4570, 7.5224** is the 20% darker color. If you saturate the color by 10%, you get **10.8588, 13.7305, 21.4803**, and if you desaturate by 10%, it is **12.9972, 15.5877, 21.7260**.

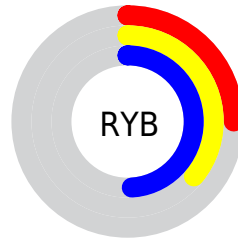
Distribution



Red (25%)

Green (45%)

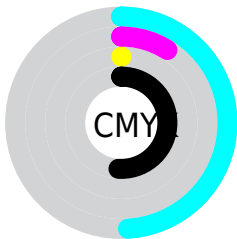
Blue (49%)



Red (25%)

Yellow (36%)

Blue (49%)

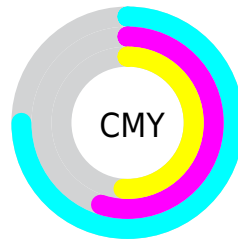


Cyan (49%)

Magenta (9%)

Yellow (0%)

Black (51%)



Cyan (75%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8333, 14.6053, 21.5975 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 11.8333, 14.6053, 21.5975 by changing the saturation by 10% instead.

■ 11.8333, 14.6053,
21.5975

■ 11.8333, 14.6053,
21.5975

197.0911,
220.9646, 273.3216

■ 6.7017, 8.5428,
13.3660

■ 28.8106, 34.1593,
46.9735

■ 3.3209, 4.4442,
7.5474

■ 41.3870, 48.4196,
64.9550

■ 1.3256, 1.9250,
3.7231

■ 57.1757, 66.1812,
87.0236

■ 0.2023, 0.5634,
1.4747

■ 76.5421, 87.8287,
113.5978

■ 0.0000, 0.0000,
0.1990

■ 99.8514, 113.7464,
145.0962

■ 0.0000, 0.0000,
0.0000

127.4691,

144.3187, 181.9372

159.7606,
179.9300, 224.5396

■ 11.8333, 14.6053,
21.5975

■ 11.8333, 14.6053,
21.5975

■ 10.8588, 13.7305,
21.4803

■ 12.9972, 15.5877,
21.7260

■ 10.0600, 12.9551,
21.3727

■ 14.3604, 16.6819,
21.8654

■ 9.4235, 12.2726,
21.2745

■ 15.9336, 17.8939,
22.0164

■ 8.9331, 11.6745,
21.1849

■ 17.7266, 19.2285,
22.1795

■ 8.5442, 11.1378,
21.1018

■ 19.7482, 20.6907,
22.3552

■ 8.4986, 11.0745,
21.0920

■ 22.0070, 22.2847,
22.5438

■ 24.5110, 24.0148,
22.7458

■ 27.2678, 25.8850,
22.9615

■ 30.2849, 27.8992,
23.1912

Harmonies

Analogous

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



11.2972, 14.6053, 17.2882



11.8333, 14.6053, 21.5975



12.9299, 14.6053, 24.6824

Triad

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



11.8333, 14.6053, 21.5975



16.6803, 14.6053, 18.8606



13.4168, 14.6053, 9.2275

Complementary

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



11.8333, 14.6053, 21.5975



11.8991, 9.7624, 6.1079

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.



14.8796, 14.6053, 9.4994



11.8333, 14.6053, 21.5975



16.8335, 14.6053, 14.5933

Square

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



11.8333, 14.6053, 21.5975



15.7493, 14.6053, 22.9202



16.1543, 14.6053, 11.3088



12.1683, 14.6053, 10.4872

Rectangle

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



11.8333, 14.6053, 21.5975



13.8652, 14.6053, 25.3596



16.1543, 14.6053, 11.3088



13.8987, 14.6053, 9.1487

Sweetspot

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



11.8338, 14.6059, 21.5978



29.5909, 32.8392, 39.5233



10.6899, 16.2542, 9.0823



6.6090, 7.3783, 8.9789



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.



11.8338, 14.6059, 21.5978



19.1915, 24.3497, 38.4328



9.0126, 8.9635, 20.6574



4.3826, 4.7592, 5.5009



8.8653, 11.5491, 22.0119



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3285, 9.2420, 17.0016



22.3229, 13.8818, 28.6312



14.4008, 14.7658, 6.9418



4.4659, 4.3995, 5.2581



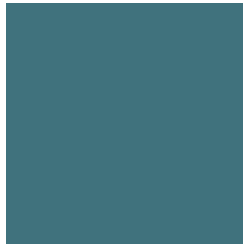
11.3518, 5.5604, 13.7081



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.8333, 14.6053, 21.5975 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 11.8333, 14.6053, 21.5975 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 11.8333, 14.6053, 21.5975

Background



This preview shows how black text looks on a background with the XYZ color 11.8333, 14.6053, 21.5975.



This preview shows how white text looks on a background with the XYZ color 11.8333, 14.6053,

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

11.8333, 14.6053, 21.5975

Protanopia

14.0903, 14.3781, 19.4854

Deuteranopia

14.7249, 14.4971, 22.1008



Tritanopia

11.7068, 14.5547, 20.9312

Trichromacy



Original Color

11.8333, 14.6053, 21.5975

Protanomaly

12.9336, 14.2294, 20.1540

Deuteranomaly

13.4428, 14.4556, 21.8204

Tritanomaly

11.7698, 14.5799, 21.2626

Monochromacy



Original Color

11.8333, 14.6053, 21.5975

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7424, 13.2335, 16.4034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8333, 14.6053, 21.5975 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(64, 114, 125) looks like.

```
.text, #text, p{  
  color:rgb(64, 114, 125)  
}
```

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(64, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 11.8333, 14.6053, 21.5975 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(64, 114, 125) }
```


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

```
.border{ border-color:rgb(64, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(64, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8333, 14.6053, 21.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 114, 125) }
```

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

```
.background{ background-color: rgb(64, 114,  
125) }
```

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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