

Converting Colors

XYZ(11.4081, 14.0433, 20.4216)

Have a look what the booklet for
XYZ(11.4081, 14.0433, 20.4216)
contains.

XYZ(11.4214, 14.0835, 20.5288)	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(11.4214, 14.0835,
20.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	40707A
RGB	64, 112, 122
RGB Percent	25%, 44%, 48%
CMY	0.7490, 0.5608, 0.5216
CMYK	0.48, 0.08, 0.00, 0.52
HSL	190°, 31%, 36%
HSV	190°, 48%, 48%
XYZ	11.4214, 14.0835, 20.5288
YIQ	98.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

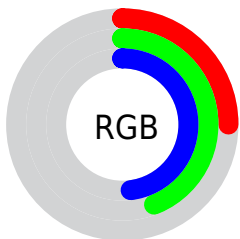
Format	Color
R_{YB}	64, 90, 122
Decimal	4223098
CIE _{Lab}	44.35, -13.41, -10.63
CIE _{LCh}	44, 17.106, 218.405
Yxy	14.0835, 0.2481, 0.3059
Android (android.graphics.Color)	4282413178 (0xFF40707A)
YUV	98.7880, 11.4435, -30.5091
Hunter-Lab	37.5280, -11.3487, -6.1636

Details

The XYZ color **11.4214, 14.0835, 20.5288** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.4005, 9.4056, 6.0655**, and the grayscale version is **11.7847, 12.3984, 13.5019**.

A 20% lighter version of the original color is **28.1179, 33.3199, 44.9938**, and **3.1236, 4.1930, 6.9480** is the 20% darker color. If you saturate the color by 10%, you get **10.4840, 13.2600, 20.4195**, and if you desaturate by 10%, it is **12.5387, 15.0084, 20.6487**.

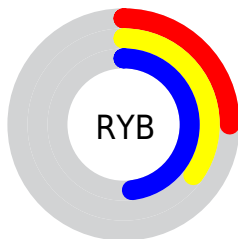
Distribution



Red (25%)

Green (44%)

Blue (48%)



Red (25%)

Yellow (35%)

Blue (48%)

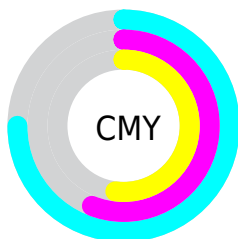


Cyan (48%)

Magenta (8%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4214, 14.0835, 20.5288 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 11.4214, 14.0835, 20.5288 by changing the saturation by 10% instead.

■ 11.4214, 14.0835,
20.5288

■ 11.4214, 14.0835,
20.5288

■ 194.3854,
217.7497, 267.4619

■ 6.4204, 8.1788,
12.5921

■ 28.0629, 33.2371,
45.1726

■ 3.1454, 4.2095,
7.0209

■ 40.4341, 47.2548,
62.7167

■ 1.2311, 1.7915,
3.3965

■ 55.9928, 64.7455,
84.3005

■ 0.1307, 0.4818,
1.3005

■ 75.1043, 86.0938,
110.3424

■ 0.0000, 0.0000,
0.0622

■ 98.1339, 111.6839,
141.2609

■ 0.0000, 0.0000,
0.0000

125.4471,

141.9004, 177.4746

157.4091,
177.1275, 219.4021

■ 11.4214, 14.0835,
20.5288

■ 11.4214, 14.0835,
20.5288

■ 10.4840, 13.2600,
20.4195

■ 12.5387, 15.0084,
20.6487

■ 9.7136, 12.5304,
20.3193

■ 13.8451, 16.0385,
20.7787

■ 9.0980, 11.8884,
20.2278

■ 15.3506, 17.1795,
20.9195

■ 8.6223, 11.3265,
20.1444

■ 17.0642, 18.4359,
21.0717

■ 8.2515, 10.8265,
20.0675

■ 18.9942, 19.8121,
21.2357

■ 8.1635, 10.7063,
20.0489

■ 21.1486, 21.3124,
21.4117

■ 23.5350, 22.9405,
21.6002

■ 26.1604, 24.7004,
21.8015

■ 29.0318, 26.5955,
22.0159

Harmonies

Analogous

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



10.9399, 14.0835, 16.4668



11.4214, 14.0835, 20.5288



12.4374, 14.0835, 23.4961

Triad

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



11.4214, 14.0835, 20.5288



15.9945, 14.0835, 18.2897



13.0036, 14.0835, 9.0038

Complementary

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



11.4214, 14.0835, 20.5288



11.4005, 9.4056, 6.0655

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.



14.3815, 14.0835, 9.3227



11.4214, 14.0835, 20.5288



16.1719, 14.0835, 14.2554

Square

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



11.4214, 14.0835, 20.5288



15.0943, 14.0835, 22.0573



15.5638, 14.0835, 11.0999



11.8116, 14.0835, 10.1388

Rectangle

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



11.4214, 14.0835, 20.5288



13.3126, 14.0835, 24.2047



15.5638, 14.0835, 11.0999



13.4596, 14.0835, 8.9490

Sweetspot

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



11.4218, 14.0840, 20.5291



27.9305, 30.9086, 36.8868



10.2991, 15.4993, 8.8691



6.2690, 6.9805, 8.4236



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.



11.4218, 14.0840, 20.5291



18.3200, 23.2147, 35.9082



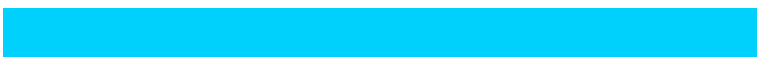
8.7464, 8.7332, 19.6373



4.0511, 4.4005, 5.0790



8.5895, 11.2614, 21.1063



40.4249, 52.6225, 100.4963

Inverse Universe

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



12.7845, 8.9746, 16.3883



21.1113, 13.3814, 27.2839



13.7690, 14.1424, 6.8550



4.1262, 4.0662, 4.8625



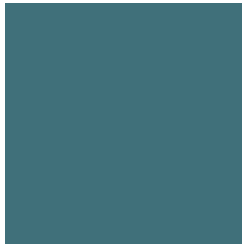
10.9189, 5.3437, 13.3958



51.8078, 25.3795, 62.4431

Previews

White Background



This preview shows how the XYZ color 11.4214, 14.0835, 20.5288 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 11.4214, 14.0835, 20.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

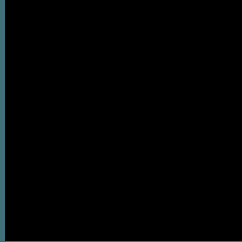
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4214, 14.0835, 20.5288

Background



This preview shows how black text looks on a background with the XYZ color 11.4214, 14.0835, 20.5288.

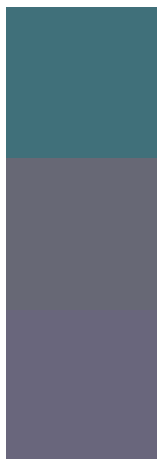


This preview shows how white text looks on a background with the XYZ color 11.4214, 14.0835,

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

11.4214, 14.0835, 20.5288

Protanopia

13.7547, 14.0685, 18.8202

Deuteranopia

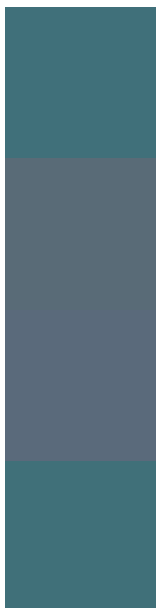
14.2152, 13.9612, 21.0144



Tritanopia

11.3597, 14.0588, 20.2041

Trichromacy



Original Color

11.4214, 14.0835, 20.5288

Protanomaly

12.7073, 13.9711, 19.4797

Deuteranomaly

12.9456, 13.9118, 20.7418

Tritanomaly

11.3597, 14.0588, 20.2041

Monochromacy



Original Color

11.4214, 14.0835, 20.5288

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4419, 12.9406, 15.8047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4214, 14.0835, 20.5288 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, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(64, 112, 122)  
}
```

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, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 112, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.4214, 14.0835, 20.5288 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, 112, 122) }
```


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

```
.border{ border-color:rgb(64, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(64, 112,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4214, 14.0835, 20.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 112, 122) }
```

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

```
.background{ background-color: rgb(64, 112,  
122) }
```

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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