

Converting Colors

XYZ(14.2290, 20.9456, 11.7066)

Have a look what the booklet for
XYZ(14.2290, 20.9456, 11.7066)
contains.

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Color

**XYZ(14.1411, 20.8108,
11.6591)**

Conversions

Conversions Part 1

Format	Color
Hex	508B54
RGB	80, 139, 84
RGB Percent	31%, 55%, 33%
CMY	0.6863, 0.4549, 0.6706
CMYK	0.42, 0.00, 0.40, 0.45
HSL	124°, 27%, 43%
HSV	124°, 42%, 55%
XYZ	14.1411, 20.8108, 11.6591
YIQ	115.0890, -17.5090, -29.6130

Conversions

Conversions Part 2

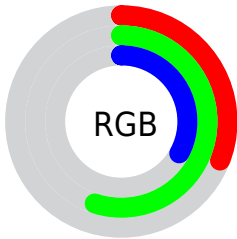
Format	Color
R _Y B	80, 135, 139
Decimal	5278548
CIE Lab	52.74, -31.36, 23.55
CIE LCh	53, 39.215, 143.096
Yxy	20.8108, 0.3034, 0.4465
Android (android.graphics.Color)	4283468628 (0xFF508B54)
YUV	115.0890, -15.3269, -30.7731
Hunter-Lab	45.6189, -24.5009, 16.7801

Details

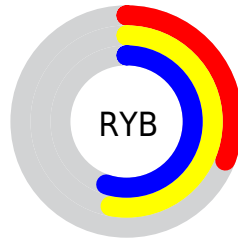
The XYZ color **14.1411, 20.8108, 11.6591** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8899, 12.9759, 24.4839**, and the grayscale version is **16.3720, 17.2246, 18.7576**.

A 20% lighter version of the original color is **32.8888, 44.7667, 29.4617**, and **4.3185, 7.3663, 3.0279** is the 20% darker color. If you saturate the color by 10%, you get **12.6253, 20.0833, 9.1797**, and if you desaturate by 10%, it is **15.9947, 21.7028, 14.6454**.

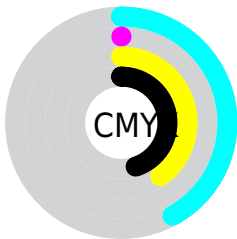
Distribution



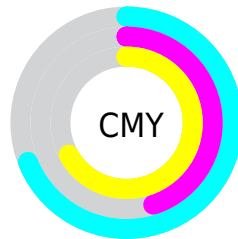
- Red (31%)
- Green (55%)
- Blue (33%)



- Red (31%)
- Yellow (53%)
- Blue (55%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (69%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1411, 20.8108, 11.6591 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 14.1411, 20.8108, 11.6591 by changing the saturation by 10% instead.

■ 14.1411, 20.8108,
11.6591

■ 14.1411, 20.8108,
11.6591

211.5999,
256.2713, 213.0324

■ 8.3012, 12.9858,
6.3923

■ 32.9234, 44.7724,
29.5277

■ 4.3417, 7.4188,
3.0124

■ 46.5965, 61.6778,
42.9666

■ 1.8972, 3.7253,
1.1010

■ 63.6113, 82.3788,
59.9667

■ 0.5752, 1.5211,
0.0000

■ 84.3334, 107.2598,
80.9463

■ 0.0000, 0.3035,
0.0000

■ 109.1279,
136.7051, 106.3242

■ 0.0000, 0.0000,
0.0000

138.3602,

171.0992, 136.5188

172.3958,
210.8265, 171.9487

■ 14.1411, 20.8108,
11.6591

■ 14.1411, 20.8108,
11.6591

■ 12.6253, 20.0833,
9.1797

■ 15.9947, 21.7028,
14.6454

■ 11.4254, 19.5078,
7.1777

■ 18.2031, 22.7657,
18.1630

■ 10.5196, 19.0743,
5.6229


■ 20.7841, 24.0088,
22.2365


■ 9.8823, 18.7704,
4.4809


■ 23.7538, 25.4398,
26.8885

■ 9.4839, 18.5816,
3.7125


■ 27.1273, 27.0661,
32.1404

 9.2847, 18.4867,
3.3496

 30.9189, 28.8948,
38.0125

 35.1424, 30.9323,
44.5241

 39.8107, 33.1850,
51.6936

 44.9363, 35.6590,
59.5389

Harmonies

Analogous

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



16.8564, 20.8108, 7.6281



14.1411, 20.8108, 11.6591



12.9629, 20.8108, 20.0619

Triad

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



14.1411, 20.8108, 11.6591



18.8510, 20.8108, 53.1263



27.9194, 20.8108, 14.9319

Complementary

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



14.1411, 20.8108, 11.6591



17.8899, 12.9759, 24.4839

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.



28.6460, 20.8108, 25.4720



14.1411, 20.8108, 11.6591



23.0236, 20.8108, 50.2846

Square

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



14.1411, 20.8108, 11.6591



15.4290, 20.8108, 45.8237



26.7483, 20.8108, 39.0265



24.8807, 20.8108, 9.0126

Rectangle

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



14.1411, 20.8108, 11.6591



13.0743, 20.8108, 28.1475



26.7483, 20.8108, 39.0265



28.4579, 20.8108, 17.9355

Sweetspot

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



14.1416, 20.8117, 11.6596



36.8066, 42.7950, 39.1711



20.6839, 24.2019, 11.1708



8.2585, 9.7537, 8.6755



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.1416, 20.8117, 11.6596



22.6910, 36.0036, 16.5743



15.5465, 21.3736, 19.0577



4.9847, 5.6134, 5.4406



8.3821, 16.6854, 3.0371



0.0573, 0.1115, 0.0284

Inverse Universe

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



17.8899, 12.9759, 24.4839



30.3335, 20.0140, 42.7128



16.0957, 12.2582, 15.0359



5.2195, 5.1232, 6.2441



13.2231, 6.3994, 19.4772



0.0899, 0.0433, 0.1401

Previews

White Background



This preview shows how the XYZ color 14.1411, 20.8108, 11.6591 looks on a white background.

Color Contrast Check

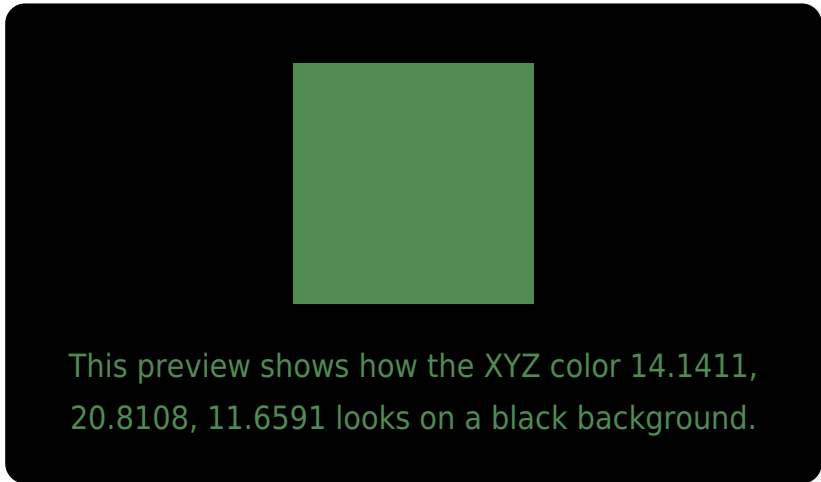
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

XYZ 14.1411, 20.8108, 11.6591

Background



This preview shows how black text looks on a background with the XYZ color 14.1411, 20.8108, 11.6591.



This preview shows how white text looks on a background with the XYZ color 14.1411, 20.8108,

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

14.1411, 20.8108, 11.6591

Protanopia

19.0614, 20.5501, 10.3591

Deuteranopia

20.8723, 20.5271, 12.0946



Tritanopia

17.6228, 20.7610, 29.0651

Trichromacy



Original Color

14.1411, 20.8108, 11.6591

Protanomaly

16.6703, 20.2723, 10.8189

Deuteranomaly

17.6219, 20.1519, 11.9778

Tritanomaly

16.2013, 20.8078, 21.5748

Monochromacy



Original Color

14.1411, 20.8108, 11.6591

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.1858, 18.2396, 15.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1411, 20.8108, 11.6591 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(80, 139, 84)` looks like.

```
.text, #text, p{  
    color:rgb(80, 139, 84)  
}
```

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(80, 139, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 139, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.1411, 20.8108, 11.6591 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(80, 139, 84) }
```


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

```
.border{ border-color:rgb(80, 139, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 139, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 139, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 139, 84);  
box-shadow:4px 4px 4px 4px rgb(80, 139,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1411, 20.8108, 11.6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 139, 84) }
```

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

```
.background{ background-color: rgb(80, 139,  
84) }
```

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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