

Converting Colors

XYZ(14.9671, 20.2741, 8.9325)

Have a look what the booklet for
XYZ(14.9671, 20.2741, 8.9325)
contains.

XYZ(14.9974, 20.2591, 8.9143)	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(14.9974, 20.2591,
8.9143)**

Conversions

Conversions Part 1

Format	Color
Hex	658646
RGB	101, 134, 70
RGB Percent	40%, 53%, 27%
CMY	0.6039, 0.4745, 0.7255
CMYK	0.25, 0.00, 0.48, 0.47
HSL	91°, 31%, 40%
HSV	91°, 48%, 53%
XYZ	14.9974, 20.2591, 8.9143
YIQ	116.8370, 0.8760, -26.9000

Conversions

Conversions Part 2

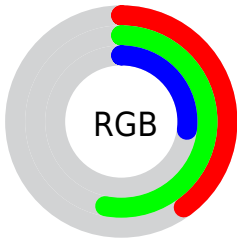
Format	Color
RYB	70, 134, 103
Decimal	6653510
CIELab	52.13, -23.47, 30.62
CIElCh	52, 38.582, 127.474
Yxy	20.2591, 0.3395, 0.4587
Android (android.graphics.Color)	4284843590 (0xFF658646)
YUV	116.8370, -23.0906, -13.8890
Hunter-Lab	45.0101, -19.2914, 19.7646

Details

The XYZ color **14.9974, 20.2591, 8.9143** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.0877, 8.9857, 23.6527**, and the grayscale version is **16.9275, 17.8091, 19.3941**.

A 20% lighter version of the original color is **34.2974, 43.6690, 24.3906**, and **4.7412, 7.1326, 1.9375** is the 20% darker color. If you saturate the color by 10%, you get **13.8795, 19.7269, 6.8951**, and if you desaturate by 10%, it is **16.2758, 20.8643, 11.4346**.

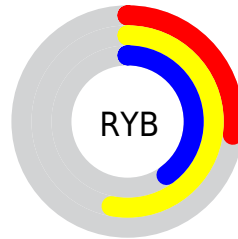
Distribution



Red (40%)

Green (53%)

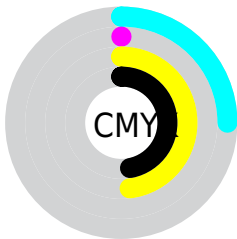
Blue (27%)



Red (27%)

Yellow (53%)

Blue (40%)

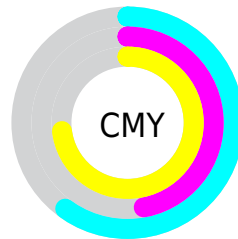


Cyan (25%)

Magenta (0%)

Yellow (48%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9974, 20.2591, 8.9143 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 14.9974, 20.2591, 8.9143 by changing the saturation by 10% instead.

■ 14.9974, 20.2591,
8.9143

■ 14.9974, 20.2591,
8.9143

216.7392,
253.3143, 192.9318

■ 8.9039, 12.5835,
4.5893

■ 34.4203, 43.8512,
24.3074

■ 4.7351, 7.1424,
1.9539

■ 48.4804, 60.5364,
36.2125

■ 2.1259, 3.5513,
0.5267

■ 65.9267, 80.9937,
51.4814

■ 0.7032, 1.4259,
0.0000

■ 87.1246, 105.6074,
70.5327

■ 0.0000, 0.2357,
0.0000

■ 112.4395,
134.7620, 93.7848

■ 0.0000, 0.0000,
0.0000

142.2366,

168.8417, 121.6563

176.8814,
208.2310, 154.5658

■ 14.9974, 20.2591,
8.9143

■ 14.9974, 20.2591,
8.9143

■ 13.8795, 19.7269,
6.8951

■ 16.2758, 20.8643,
11.4346

■ 12.9126, 19.2619,
5.3422

■ 17.7206, 21.5431,
14.4853

■ 12.0884, 18.8610,
4.2184


■ 19.3389, 22.2992,
18.0947


■ 11.3971, 18.5202,
3.4801


■ 21.1373, 23.1353,
22.2889


■ 10.8191, 18.2316,
3.0350


■ 23.1216, 24.0540,
27.0924

 10.6991, 18.1716,
2.9436

 25.2976, 25.0577,
32.5282

 27.6708, 26.1488,
38.6180

 30.2464, 27.3295,
45.3828

 33.0293, 28.6019,
52.8423

Harmonies

Analogous

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



18.2852, 20.2591, 6.7640



14.9974, 20.2591, 8.9143



13.0615, 20.2591, 14.7354

Triad

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



14.9974, 20.2591, 8.9143



16.4919, 20.2591, 48.8441



27.8037, 20.2591, 19.3505

Complementary

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



14.9974, 20.2591, 8.9143



12.0877, 8.9857, 23.6527

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.



27.1515, 20.2591, 31.4777



14.9974, 20.2591, 8.9143



20.2599, 20.2591, 51.3907

Square

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



14.9974, 20.2591, 8.9143



13.8385, 20.2591, 38.1017



24.2521, 20.2591, 44.1966



25.9289, 20.2591, 11.3011

Rectangle

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



14.9974, 20.2591, 8.9143



12.6251, 20.2591, 21.1145



24.2521, 20.2591, 44.1966



27.8767, 20.2591, 23.0306

Sweetspot

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



14.9979, 20.2600, 8.9147



35.1292, 39.7795, 34.3124



15.6892, 15.0140, 7.8657



7.7851, 8.9018, 7.4321



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.



14.9979, 20.2600, 8.9147



24.3629, 34.7120, 11.9943



12.1570, 18.7954, 8.7818



4.8150, 5.3072, 5.0000



10.0384, 17.0349, 2.7590



0.0431, 0.0633, 0.0099

Inverse Universe

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



12.0877, 8.9857, 23.6527



18.6030, 12.4055, 41.1524



16.3256, 11.1705, 23.8511



4.6464, 4.6538, 5.8541



6.3516, 2.8085, 21.3440



0.0304, 0.0141, 0.0743

Previews

White Background



This preview shows how the XYZ color 14.9974, 20.2591, 8.9143 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



This preview shows how the XYZ color 14.9974, 20.2591, 8.9143 looks on a 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 14.9974, 20.2591, 8.9143

Background



This preview shows how black text looks on a background with the XYZ color 14.9974, 20.2591, 8.9143.



This preview shows how white text looks on a background with the XYZ color 14.9974, 20.2591,

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

14.9974, 20.2591, 8.9143

Protanopia

18.5373, 20.1389, 8.2204

Deuteranopia

20.2921, 19.9353, 9.2570



Tritanopia

18.6603, 20.3644, 26.6141

Trichromacy



Original Color

14.9974, 20.2591, 8.9143

Protanomaly

17.0747, 20.1408, 8.4565

Deuteranomaly

17.9260, 19.8019, 9.1807

Tritanomaly

17.0267, 20.2833, 18.6405

Monochromacy



Original Color

14.9974, 20.2591, 8.9143

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9388, 18.4655, 14.7807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9974, 20.2591, 8.9143 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(101, 134, 70)` looks like.

```
.text, #text, p{  
    color:rgb(101, 134, 70)  
}
```

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(101, 134, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 134, 70) }
```

Border

The CSS property to change the border of an element to XYZ 14.9974, 20.2591, 8.9143 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(101, 134, 70) }
```


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

```
.border{ border-color:rgb(101, 134, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 134, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 134, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 134, 70);  
box-shadow:4px 4px 4px 4px rgb(101, 134,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9974, 20.2591, 8.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 134, 70) }
```

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

```
.background{ background-color: rgb(101,  
134, 70) }
```

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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