

Converting Colors

XYZ(14.0593, 20.3288, 12.1997)

Have a look what the booklet for
XYZ(14.0593, 20.3288, 12.1997)
contains.

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Color

**XYZ(14.0593, 20.3288,
12.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	518957
RGB	81, 137, 87
RGB Percent	32%, 54%, 34%
CMY	0.6824, 0.4627, 0.6588
CMYK	0.41, 0.00, 0.36, 0.46
HSL	126°, 26%, 43%
HSV	126°, 41%, 54%
XYZ	14.0593, 20.3288, 12.1997
YIQ	114.5560, -17.3260, -27.4220

Conversions

Conversions Part 2

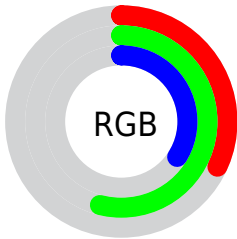
Format	Color
RYB	81, 132, 137
Decimal	5343575
CIELab	52.21, -29.56, 21.18
CIELCh	52, 36.368, 144.383
Yxy	20.3288, 0.3018, 0.4364
Android (android.graphics.Color)	4283533655 (0xFF518957)
YUV	114.5560, -13.5851, -29.4286
Hunter-Lab	45.0875, -23.2427, 15.5186

Details

The XYZ color **14.0593, 20.3288, 12.1997** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3563, 12.8423, 23.0374**, and the grayscale version is **16.2053, 17.0492, 18.5666**.

A 20% lighter version of the original color is **32.8190, 44.0543, 30.4405**, and **4.3439, 7.2525, 3.2688** is the 20% darker color. If you saturate the color by 10%, you get **12.5436, 19.6009, 9.7375**, and if you desaturate by 10%, it is **15.8977, 21.2144, 15.1200**.

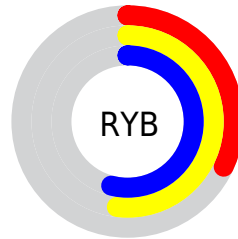
Distribution



Red (32%)

Green (54%)

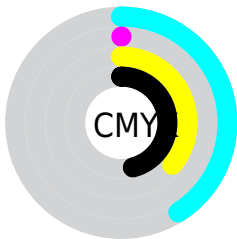
Blue (34%)



Red (32%)

Yellow (52%)

Blue (54%)

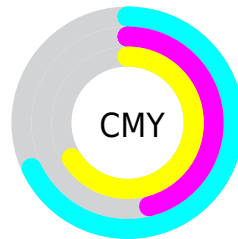


Cyan (41%)

Magenta (0%)

Yellow (36%)

Black (46%)



Cyan (68%)

Magenta (46%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0593, 20.3288, 12.1997 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 14.0593, 20.3288, 12.1997 by changing the saturation by 10% instead.

■ 14.0593, 20.3288,
12.1997

■ 14.0593, 20.3288,
12.1997

211.1027,
253.6896, 216.7475

■ 8.2439, 12.6343,
6.7556

■ 32.7796, 43.9678,
30.5281

■ 4.3045, 7.1772,
3.2336

■ 46.4152, 60.6810,
44.2496

■ 1.8758, 3.5732,
1.2151

■ 63.3883, 81.1692,
61.5672

■ 0.5627, 1.4378,
0.0000

■ 84.0641, 105.8169,
82.8996

■ 0.0000, 0.2443,
0.0000

■ 108.8081,
135.0084, 108.6653

■ 0.0000, 0.0000,
0.0000

137.9856,

169.1280, 139.2828

171.9620,
208.5603, 175.1707

■ 14.0593, 20.3288,
12.1997

■ 14.0593, 20.3288,
12.1997

■ 12.5436, 19.6009,
9.7375

■ 15.8977, 21.2144,
15.1200

■ 11.3303, 19.0191,
7.7090

■ 18.0743, 22.2635,
18.5185

■ 10.3996, 18.5742,
6.0893


■ 20.6055, 23.4847,
22.4158


■ 9.7282, 18.2548,
4.8507


■ 23.5062, 24.8854,
26.8311


■ 9.2894, 18.0478,
3.9619


■ 26.7905, 26.4723,
31.7821

 9.0300, 17.9257,
3.4242

 30.4715, 28.2520,
37.2862

 34.5621, 30.2305,
43.3596

 39.0743, 32.4139,
50.0181

 44.0196, 34.8078,
57.2767

Harmonies

Analogous

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



16.5103, 20.3288, 8.2041



14.0593, 20.3288, 12.1997



13.0282, 20.3288, 20.1847

Triad

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



14.0593, 20.3288, 12.1997



18.6285, 20.3288, 49.5075



26.6164, 20.3288, 14.6930

Complementary

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



14.0593, 20.3288, 12.1997



17.3563, 12.8423, 23.0374

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.



27.3727, 20.3288, 24.2062



14.0593, 20.3288, 12.1997



22.4359, 20.3288, 46.6023

Square

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



14.0593, 20.3288, 12.1997



15.4396, 20.3288, 43.3776



25.7569, 20.3288, 36.3774



23.8059, 20.3288, 9.2856

Rectangle

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



14.0593, 20.3288, 12.1997



13.1751, 20.3288, 27.6376



25.7569, 20.3288, 36.3774



27.1333, 20.3288, 17.4153

Sweetspot

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



14.0598, 20.3297, 12.2002



36.2309, 41.7325, 39.1175



19.8539, 23.3438, 11.2441



8.0126, 9.3055, 8.5992



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.0598, 20.3297, 12.2002



22.6579, 35.1941, 17.7592



15.4111, 20.8702, 19.3159



4.9922, 5.6164, 5.4801



8.4136, 16.6980, 3.2025



0.0584, 0.1119, 0.0342

Inverse Universe

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



17.3563, 12.8423, 23.0374



29.3925, 19.8817, 39.8872



15.7279, 12.1909, 14.4620



5.2112, 5.1199, 6.2004



12.9031, 6.2714, 17.7920



0.0888, 0.0429, 0.1344

Previews

White Background



This preview shows how the XYZ color 14.0593, 20.3288, 12.1997 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 14.0593, 20.3288, 12.1997 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 14.0593, 20.3288, 12.1997

Background



This preview shows how black text looks on a background with the XYZ color 14.0593, 20.3288, 12.1997.



This preview shows how white text looks on a background with the XYZ color 14.0593, 20.3288,

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

14.0593, 20.3288, 12.1997

Protanopia

18.7223, 20.1754, 10.8901

Deuteranopia

20.5178, 20.1520, 12.7059



Tritanopia

17.2040, 20.1637, 28.1845

Trichromacy



Original Color

14.0593, 20.3288, 12.1997

Protanomaly

16.5207, 19.9854, 11.3743

Deuteranomaly

17.4747, 19.8708, 12.5873

Tritanomaly

15.8632, 20.2302, 21.1579

Monochromacy



Original Color

14.0593, 20.3288, 12.1997

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.2263, 18.0694, 16.0498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0593, 20.3288, 12.1997 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, 137, 87)` looks like.

```
.text, #text, p{  
    color:rgb(81, 137, 87)  
}
```

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, 137, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 137, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.0593, 20.3288, 12.1997 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, 137, 87) }
```


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

```
.border{ border-color:rgb(81, 137, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 137, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 137, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 137, 87);  
box-shadow:4px 4px 4px 4px rgb(81, 137,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0593, 20.3288, 12.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 137, 87) }
```

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

```
.background{ background-color: rgb(81, 137,  
87) }
```

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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