

Converting Colors

XYZ(14.2508, 19.8389, 10.4753)

Have a look what the booklet for
XYZ(14.2508, 19.8389, 10.4753)
contains.

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Color

**XYZ(14.2508, 19.8389,
10.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	5B864F
RGB	91, 134, 79
RGB Percent	36%, 53%, 31%
CMY	0.6431, 0.4745, 0.6902
CMYK	0.32, 0.00, 0.41, 0.47
HSL	107°, 26%, 42%
HSV	107°, 41%, 53%
XYZ	14.2508, 19.8389, 10.4753
YIQ	114.8730, -7.9730, -26.2210

Conversions

Conversions Part 2

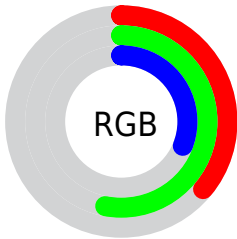
Format	Color
R_{YB}	79, 134, 122
Decimal	5998159
CIE _{Lab}	51.65, -25.99, 25.00
CIE _{LCh}	52, 36.063, 136.108
Yxy	19.8389, 0.3198, 0.4452
Android (android.graphics.Color)	4284188239 (0xFF5B864F)
YUV	114.8730, -17.6854, -20.9366
Hunter-Lab	44.5409, -20.8357, 17.2346

Details

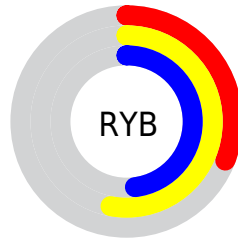
The XYZ color **14.2508, 19.8389, 10.4753** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.1260, 11.4513, 23.9685**, and the grayscale version is **16.3113, 17.1607, 18.6880**.

A 20% lighter version of the original color is **33.0605, 42.9653, 27.3195**, and **4.3997, 6.9427, 2.5470** is the 20% darker color. If you saturate the color by 10%, you get **12.8498, 19.1681, 8.1154**, and if you desaturate by 10%, it is **15.8954, 20.6251, 13.3608**.

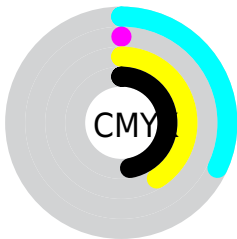
Distribution



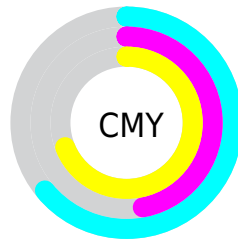
- Red (36%)
- Green (53%)
- Blue (31%)



- Red (31%)
- Yellow (53%)
- Blue (48%)



- Cyan (32%)
- Magenta (0%)
- Yellow (41%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2508, 19.8389, 10.4753 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 14.2508, 19.8389, 10.4753 by changing the saturation by 10% instead.

■ 14.2508, 19.8389,
10.4753

■ 14.2508, 19.8389,
10.4753

212.2651,
251.0417, 204.6380

■ 8.3782, 12.2780,
5.6055

■ 33.1159, 43.1469,
27.3074

■ 4.3917, 6.9333,
2.5418

■ 46.8392, 59.6628,
40.1068

■ 1.9260, 3.4204,
0.8622

■ 63.9100, 79.9325,
56.3865

■ 0.5919, 1.3550,
0.0000

■ 84.6937, 104.3404,
76.5650

■ 0.0000, 0.1832,
0.0000

■ 109.5557,
133.2709, 101.0608

■ 0.0000, 0.0000,
0.0000

138.8614,

167.1083, 130.2926

172.9760,
206.2371, 164.6788

■ 14.2508, 19.8389,
10.4753

■ 14.2508, 19.8389,
10.4753

■ 12.8498, 19.1681,
8.1154

■ 15.8954, 20.6251,
13.3608

■ 11.6791, 18.6046,
6.2481

■ 17.7930, 21.5293,
16.7995

■ 10.7260, 18.1435,
4.8389

■ 19.9547, 22.5569,
20.8187

■ 9.9765, 17.7782,
3.8482

■ 22.3901, 23.7126,
25.4435

■ 9.4141, 17.5015,
3.2298

■ 25.1085, 25.0005,
30.6975

■ 9.0389, 17.3157,
2.8659

■ 28.1187, 26.4247,
36.6031

■ 31.4292, 27.9892,
43.1815

■ 35.0480, 29.6975,
50.4530

■ 38.9829, 31.5534,
58.4371

Harmonies

Analogous

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



16.9812, 19.8389, 7.5039



14.2508, 19.8389, 10.4753



12.8478, 19.8389, 17.1390

Triad

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



14.2508, 19.8389, 10.4753



17.2260, 19.8389, 47.4715



26.4076, 19.8389, 16.5057

Complementary

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



14.2508, 19.8389, 10.4753



15.1260, 11.4513, 23.9685

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.



26.4953, 19.8389, 26.7776



14.2508, 19.8389, 10.4753



20.8645, 19.8389, 47.1335

Square

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



14.2508, 19.8389, 10.4753



14.4101, 19.8389, 39.4952



24.3603, 19.8389, 38.6819



24.1342, 19.8389, 10.1409

Rectangle

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



14.2508, 19.8389, 10.4753



12.7205, 19.8389, 23.8037



24.3603, 19.8389, 38.6819



26.7027, 19.8389, 19.5389

Sweetspot

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



14.2513, 19.8397, 10.4757



34.6668, 39.5086, 35.7594



18.1013, 19.3491, 10.1781



7.7166, 8.8565, 7.8810



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.



14.2513, 19.8397, 10.4757



22.8597, 33.8765, 14.6610



13.7556, 19.5156, 13.5537



4.7043, 5.2501, 4.9948



8.4784, 16.2307, 2.6860



0.0346, 0.0589, 0.0096

Inverse Universe

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



15.1260, 11.4513, 23.9685



24.5985, 17.0386, 41.7307



15.9781, 12.0007, 19.0330



4.7612, 4.7130, 5.8595



9.4757, 4.4191, 21.4902



0.0389, 0.0185, 0.0747

Previews

White Background



This preview shows how the XYZ color 14.2508, 19.8389, 10.4753 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 14.2508, 19.8389, 10.4753 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 14.2508, 19.8389, 10.4753

Background



This preview shows how black text looks on a background with the XYZ color 14.2508, 19.8389, 10.4753.



This preview shows how white text looks on a background with the XYZ color 14.2508, 19.8389,

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

14.2508, 19.8389, 10.4753

Protanopia

18.1845, 19.7423, 9.5088

Deuteranopia

19.9552, 19.5502, 10.9054



Tritanopia

17.4716, 19.7516, 26.5585

Trichromacy



Original Color

14.2508, 19.8389, 10.4753

Protanomaly

16.3651, 19.5521, 9.7489

Deuteranomaly

17.3583, 19.2871, 10.7906

Tritanomaly

16.0648, 19.7676, 19.4918

Monochromacy



Original Color

14.2508, 19.8389, 10.4753

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.3017, 17.9425, 15.2271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2508, 19.8389, 10.4753 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(91, 134, 79)` looks like.

```
.text, #text, p{  
    color:rgb(91, 134, 79)  
}
```

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(91, 134, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 134, 79) }
```

Border

The CSS property to change the border of an element to XYZ 14.2508, 19.8389, 10.4753 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(91, 134, 79) }
```


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

```
.border{ border-color:rgb(91, 134, 79) }
```

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

Here you see how a box with a 4 pixel rgb(91, 134, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 134, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 134, 79);  
box-shadow:4px 4px 4px 4px rgb(91, 134,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2508, 19.8389, 10.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 134, 79) }
```

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

```
.background{ background-color: rgb(91, 134,  
79) }
```

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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