

Converting Colors

XYZ(20.3514, 23.9586, 14.3783)

Have a look what the booklet for
XYZ(20.3514, 23.9586, 14.3783)
contains.

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Color

**XYZ(20.3514, 23.9586,
14.3783)**

Conversions

Conversions Part 1

Format	Color
Hex	818B5F
RGB	129, 139, 95
RGB Percent	51%, 55%, 37%
CMY	0.4941, 0.4549, 0.6274
CMYK	0.07, 0.00, 0.32, 0.45
HSL	74°, 19%, 46%
HSV	74°, 32%, 55%
XYZ	20.3514, 23.9586, 14.3783
YIQ	130.9940, 8.1640, -15.8040

Conversions

Conversions Part 2

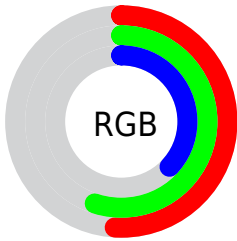
Format	Color
R_{YB}	95, 139, 105
Decimal	8489823
CIE _{Lab}	56.05, -11.42, 22.37
CIE _{LCh}	56, 25.117, 117.038
Yxy	23.9586, 0.3468, 0.4082
Android (android.graphics.Color)	4286679903 (0xFF818B5F)
YUV	130.9940, -17.7450, -1.7487
Hunter-Lab	48.9475, -11.4414, 16.8469

Details

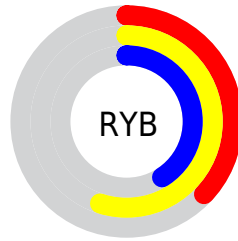
The XYZ color **20.3514, 23.9586, 14.3783** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5791, 13.0524, 26.1785**, and the grayscale version is **21.6311, 22.7576, 24.7830**.

A 20% lighter version of the original color is **43.3293, 49.7197, 34.5073**, and **7.3303, 9.0204, 4.1511** is the 20% darker color. If you saturate the color by 10%, you get **19.3027, 23.4853, 11.3202**, and if you desaturate by 10%, it is **21.5290, 24.4868, 18.0320**.

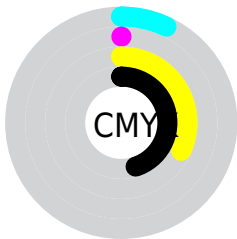
Distribution



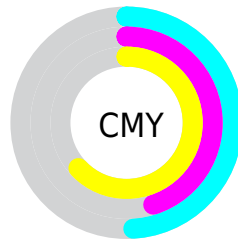
- Red (51%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3514, 23.9586, 14.3783 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 20.3514, 23.9586, 14.3783 by changing the saturation by 10% instead.

■ 20.3514, 23.9586,
14.3783

■ 20.3514, 23.9586,
14.3783

246.6086,
272.6111, 231.0814

■ 12.7605, 15.3029,
8.2425

■ 43.5050, 49.9626,
34.4855

■ 7.3397, 9.0323,
4.1605

■ 59.7984, 68.0798,
49.2940

■ 3.7236, 4.7622,
1.7138

■ 79.7234, 90.1195,
67.8305

■ 1.5470, 2.1084,
0.3702

■ 103.6452,
116.4663, 90.5135

■ 0.3575, 0.6694,
0.0000

131.9293,
147.5044, 117.7615

■ 0.0000, 0.0000,
0.0000

164.9410,

183.6183, 149.9932

203.0456,
225.1924, 187.6269

■ 20.3514, 23.9586,
14.3783

■ 20.3514, 23.9586,
14.3783

■ 19.3027, 23.4853,
11.3202

■ 21.5290, 24.4868,
18.0320

■ 18.3749, 23.0613,
8.8246

■ 22.8392, 25.0689,
22.3090

■ 17.5619, 22.6849,
6.8575

■ 24.2881, 25.7083,
27.2372

■ 16.8563, 22.3531,
5.3805

■ 25.8806, 26.4068,
32.8423

■ 16.2497, 22.0626,
4.3503

■ 27.6215, 27.1665,
39.1485

■ 15.7323, 21.8093,
3.7156

■ 29.5153, 27.9892,
46.1791

■ 15.3449, 21.6170,
3.3637

■ 31.5663, 28.8765,
53.9559

■ 33.7787, 29.8302,
62.5002

■ 36.1563, 30.8518,
71.8322

Harmonies

Analogous

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



23.0586, 23.9586, 13.2601



20.3514, 23.9586, 14.3783



18.4435, 23.9586, 18.3897

Triad

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



20.3514, 23.9586, 14.3783



19.8961, 23.9586, 41.7437



28.7476, 23.9586, 26.9130

Complementary

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



20.3514, 23.9586, 14.3783



14.5791, 13.0524, 26.1785

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.



27.7296, 23.9586, 35.6782



20.3514, 23.9586, 14.3783



22.4877, 23.9586, 45.2957

Square

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



20.3514, 23.9586, 14.3783



18.1965, 23.9586, 33.9618



25.3772, 23.9586, 42.8722



28.0564, 23.9586, 19.5343

Rectangle

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



20.3514, 23.9586, 14.3783



17.8006, 23.9586, 22.6961



25.3772, 23.9586, 42.8722



28.5920, 23.9586, 29.7995

Sweetspot

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



20.3520, 23.9597, 14.3788



41.5136, 45.1635, 42.0102



17.7181, 16.3243, 13.0439



9.4899, 10.3732, 9.4254



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.



20.3520, 23.9597, 14.3788



35.0749, 42.2868, 21.7161



17.4187, 22.4475, 14.2415



5.3218, 5.7886, 5.3892



13.8639, 19.5171, 3.0365



0.1047, 0.1361, 0.0208

Inverse Universe

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



14.5791, 13.0524, 26.1785



23.0534, 19.5629, 46.3039



17.4363, 14.5254, 26.3122



4.8742, 4.9436, 6.3031



4.7457, 1.9606, 22.1740



0.0425, 0.0187, 0.1478

Previews

White Background



This preview shows how the XYZ color 20.3514, 23.9586, 14.3783 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 20.3514, 23.9586, 14.3783 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

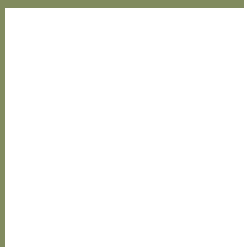
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3514, 23.9586, 14.3783

Background



This preview shows how black text looks on a background with the XYZ color 20.3514, 23.9586, 14.3783.



This preview shows how white text looks on a background with the XYZ color 20.3514, 23.9586,

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

20.3514, 23.9586, 14.3783

Protanopia

22.1779, 23.8603, 13.7925

Deuteranopia

24.3060, 23.9345, 14.6480



Tritanopia

23.3371, 23.9091, 29.3715

Trichromacy



Original Color

20.3514, 23.9586, 14.3783

Protanomaly

21.4720, 23.9054, 14.0722

Deuteranomaly

22.7116, 23.9155, 14.4855

Tritanomaly

22.1027, 23.8208, 23.1716

Monochromacy



Original Color

20.3514, 23.9586, 14.3783

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.0010, 23.1040, 20.4922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3514, 23.9586, 14.3783 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(129, 139, 95)` looks like.

```
.text, #text, p{  
    color:rgb(129, 139, 95)  
}
```

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(129, 139, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 139, 95) }
```

Border

The CSS property to change the border of an element to XYZ 20.3514, 23.9586, 14.3783 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(129, 139, 95) }
```


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

```
.border{ border-color:rgb(129, 139, 95) }
```

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

Here you see how a box with a 4 pixel rgb(129, 139, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 139, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 139, 95);  
box-shadow:4px 4px 4px 4px rgb(129, 139,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3514, 23.9586, 14.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 139, 95) }
```

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

```
.background{ background-color: rgb(129,  
139, 95) }
```

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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