

Converting Colors

XYZ(19.2373, 26.5939, 14.7089)

Have a look what the booklet for
XYZ(19.2373, 26.5939, 14.7089)
contains.

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Color

**XYZ(19.2373, 26.5939,
14.7089)**

Conversions

Conversions Part 1

Format	Color
Hex	69995E
RGB	105, 153, 94
RGB Percent	41%, 60%, 37%
CMY	0.5882, 0.4000, 0.6314
CMYK	0.31, 0.00, 0.39, 0.40
HSL	109°, 24%, 48%
HSV	109°, 39%, 60%
XYZ	19.2373, 26.5939, 14.7089
YIQ	131.9220, -9.6690, -28.5250

Conversions

Conversions Part 2

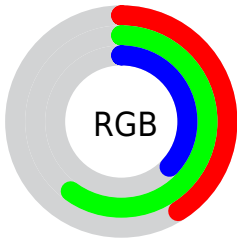
Format	Color
R_{YB}	94, 153, 142
Decimal	6920542
CIE _{Lab}	58.60, -27.97, 25.99
CIE _{LCh}	59, 38.184, 137.099
Y _{xy}	26.5939, 0.3178, 0.4393
Android (android.graphics.Color)	4285110622 (0xFF69995E)
YUV	131.9220, -18.6955, -23.6106
Hunter-Lab	51.5693, -23.6589, 19.1874

Details

The XYZ color **19.2373, 26.5939, 14.7089** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.9091, 16.0569, 32.1357**, and the grayscale version is **21.9723, 23.1166, 25.1740**.

A 20% lighter version of the original color is **41.7673, 54.4252, 35.0918**, and **6.8400, 10.5202, 4.3594** is the 20% darker color. If you saturate the color by 10%, you get **17.2612, 25.6476, 11.3810**, and if you desaturate by 10%, it is **21.5649, 27.7073, 18.7648**.

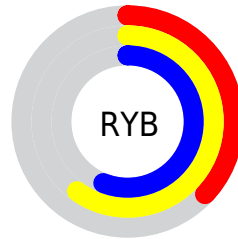
Distribution



Red (41%)

Green (60%)

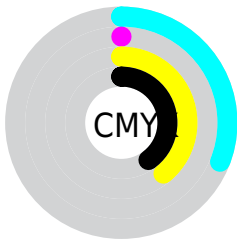
Blue (37%)



Red (37%)

Yellow (60%)

Blue (56%)

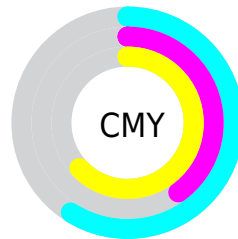


Cyan (31%)

Magenta (0%)

Yellow (39%)

Black (40%)



Cyan (59%)

Magenta (40%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2373, 26.5939, 14.7089 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 19.2373, 26.5939, 14.7089 by changing the saturation by 10% instead.


 19.2373, 26.5939,
14.7089

 19.2373, 26.5939,
14.7089


240.6687,
285.6854, 233.1772


 11.9469, 17.2685,
8.4710


 41.6485, 54.2315,
35.0767


 6.7795, 10.4261,
4.3057


 57.5000, 73.3125,
50.0438

 3.3697, 5.6824,
1.7945

 76.9358, 96.4141,
68.7575

 1.3521, 2.6529,
0.4243

 100.3215,
123.9207, 91.6367

 0.2217, 0.9533,
0.0000

128.0222,
156.2168, 119.0997

 0.0000, 0.0000,
0.0000

160.4034,

193.6867, 151.5650

197.8305,
236.7147, 189.4514

■ 19.2373, 26.5939,
14.7089

■ 19.2373, 26.5939,
14.7089

■ 17.2612, 25.6476,
11.3810

■ 21.5649, 27.7073,
18.7648

■ 15.6173, 24.8570,
8.7364

■ 24.2582, 28.9918,
23.5866

■ 14.2873, 24.2144,
6.7280


■ 27.3328, 30.4555,
29.2113


■ 13.2505, 23.7104,
5.3024


■ 30.8031, 32.1051,
35.6732


■ 12.4831, 23.3340,
4.3971


■ 34.6826, 33.9467,
43.0048


 11.9484, 23.0691,
3.8862

 38.9840, 35.9865,
51.2365

 11.8851, 23.0379,
3.8203

 43.7198, 38.2300,
60.3974

 48.9016, 40.6827,
70.5154

 54.5408, 43.3499,
81.6170

Harmonies

Analogous

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



22.7204, 26.5939, 10.6391



19.2373, 26.5939, 14.7089



17.4757, 26.5939, 23.5712

Triad

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



19.2373, 26.5939, 14.7089



23.3189, 26.5939, 62.0727



34.8979, 26.5939, 22.0160

Complementary

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



19.2373, 26.5939, 14.7089



20.9091, 16.0569, 32.1357

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.



35.1100, 26.5939, 35.1047



19.2373, 26.5939, 14.7089



28.0179, 26.5939, 61.2634

Square

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



19.2373, 26.5939, 14.7089



19.6287, 26.5939, 52.2550



32.4638, 26.5939, 50.3001



31.9159, 26.5939, 13.8748

Rectangle

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



19.2373, 26.5939, 14.7089



17.3522, 26.5939, 32.2617



32.4638, 26.5939, 50.3001



35.3074, 26.5939, 25.8846

Sweetspot

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



19.2380, 26.5950, 14.7095



46.8433, 53.5384, 48.4390



24.7128, 26.6905, 14.4394



10.2014, 11.7542, 10.4356



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.2380, 26.5950, 14.7095



31.4547, 46.1905, 21.2800



18.9161, 26.3266, 19.3270



6.2343, 6.9782, 6.6242



9.8443, 19.0508, 3.1583



0.1705, 0.2968, 0.0483

Inverse Universe

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



20.9091, 16.0569, 32.1357



34.8520, 24.6453, 56.8921



21.5349, 16.5362, 25.0904



6.3483, 6.2654, 7.8037



11.7053, 5.4854, 25.3495



0.2009, 0.0954, 0.3802

Previews

White Background



This preview shows how the XYZ color 19.2373, 26.5939, 14.7089 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 19.2373, 26.5939, 14.7089 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 19.2373, 26.5939, 14.7089

Background



This preview shows how black text looks on a background with the XYZ color 19.2373, 26.5939, 14.7089.



This preview shows how white text looks on a background with the XYZ color 19.2373, 26.5939,

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

19.2373, 26.5939, 14.7089

Protanopia

24.3181, 26.2497, 13.2362

Deuteranopia

26.6661, 26.1475, 15.1968



Tritanopia

23.4137, 26.3981, 35.7596

Trichromacy



Original Color

19.2373, 26.5939, 14.7089

Protanomaly

22.1671, 26.2404, 13.7941

Deuteranomaly

23.1841, 25.8421, 15.0754

Tritanomaly

21.5751, 26.3458, 26.5024

Monochromacy



Original Color

19.2373, 26.5939, 14.7089

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.6741, 24.2017, 20.7213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2373, 26.5939, 14.7089 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(105, 153, 94)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 94)  
}
```

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(105, 153, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 94) }
```

Border

The CSS property to change the border of an element to XYZ 19.2373, 26.5939, 14.7089 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(105, 153, 94) }
```


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

```
.border{ border-color:rgb(105, 153, 94) }
```

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

Here you see how a box with a 4 pixel rgb(105, 153, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 94);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2373, 26.5939, 14.7089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 94) }
```

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

```
.background{ background-color: rgb(105,  
153, 94) }
```

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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