

Converting Colors

XYZ(16.4014, 23.3697, 19.2691)

Have a look what the booklet for
XYZ(16.4014, 23.3697, 19.2691)
contains.

XYZ(16.4014, 23.3697, 19.2691)	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(16.4014, 23.3697,
19.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9271
RGB	78, 146, 113
RGB Percent	31%, 57%, 44%
CMY	0.6941, 0.4274, 0.5569
CMYK	0.47, 0.00, 0.23, 0.43
HSL	151°, 30%, 44%
HSV	151°, 47%, 57%
XYZ	16.4014, 23.3697, 19.2691
YIQ	121.9060, -29.9350, -24.6790

Conversions

Conversions Part 2

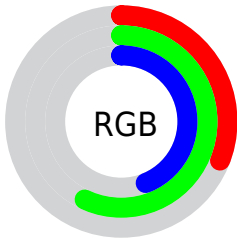
Format	Color
R_{YB}	78, 123, 146
Decimal	5149297
CIE _{Lab}	55.45, -29.61, 10.90
CIE _{LCh}	55, 31.556, 159.784
Yxy	23.3697, 0.2778, 0.3958
Android (android.graphics.Color)	4283339377 (0xFF4E9271)
YUV	121.9060, -4.3907, -38.5056
Hunter-Lab	48.3422, -24.0379, 10.2067

Details

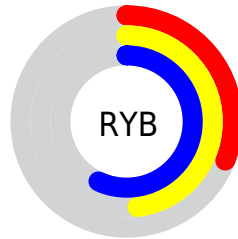
The XYZ color **16.4014, 23.3697, 19.2691** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4485, 12.7080, 16.5732**, and the grayscale version is **18.4894, 19.4523, 21.1835**.

A 20% lighter version of the original color is **36.8059, 48.8505, 43.0865**, and **5.3997, 8.7482, 6.4050** is the 20% darker color. If you saturate the color by 10%, you get **14.9521, 22.6675, 17.1998**, and if you desaturate by 10%, it is **18.1488, 24.2232, 21.5159**.

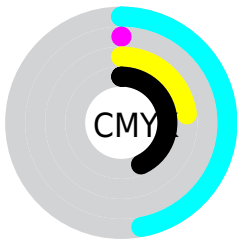
Distribution



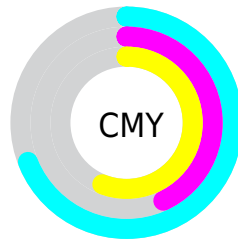
- Red (31%)
- Green (57%)
- Blue (44%)



- Red (31%)
- Yellow (48%)
- Blue (57%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4014, 23.3697, 19.2691 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 16.4014, 23.3697, 19.2691 by changing the saturation by 10% instead.

■ 16.4014, 23.3697,
19.2691

■ 16.4014, 23.3697,
19.2691

224.9229,
269.6182, 260.4024

■ 9.9013, 14.8667,
11.6861

■ 36.8455, 48.9997,
43.0311

■ 5.3953, 8.7259,
6.4104

■ 51.5202, 66.8954,
60.0471

■ 2.5181, 4.5628,
3.0234

■ 69.6505, 88.6910,
81.0446

■ 0.9044, 1.9931,
1.1066

■ 91.6017, 114.7706,
106.4420

■ 0.0000, 0.6035,
0.0000

■ 117.7392,
145.5187, 136.6580

■ 0.0000, 0.0000,
0.0000

148.4283,

181.3198, 172.1110

184.0344,
222.5581, 213.2196

■ 16.4014, 23.3697,
19.2691

■ 16.4014, 23.3697,
19.2691

■ 14.9521, 22.6675,
17.1998

■ 18.1488, 24.2232,
21.5159

■ 13.7804, 22.1042,
15.3020

■ 20.2091, 25.2338,
23.9431

■ 12.8662, 21.6703,
13.5714

■ 22.5985, 26.4102,
26.5554

■ 12.1859, 21.3536,
12.0028

■ 25.3315, 27.7600,
29.3567

■ 11.7018, 21.1348,
10.5904

■ 28.4217, 29.2899,
32.3511

■ 11.5543, 21.0686,
10.1405

■ 31.8819, 31.0067,
35.5422

■ 35.7243, 32.9164,
38.9337

■ 39.9604, 35.0250,
42.5292

■ 44.6014, 37.3382,
46.3322

Harmonies

Analogous

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



18.1234, 23.3697, 13.1830



16.4014, 23.3697, 19.2691



16.1403, 23.3697, 28.9154

Triad

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



16.4014, 23.3697, 19.2691



23.3928, 23.3697, 49.9887



27.8830, 23.3697, 14.8720

Complementary

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



16.4014, 23.3697, 19.2691



17.4485, 12.7080, 16.5732

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.



29.6428, 23.3697, 22.2652



16.4014, 23.3697, 19.2691



26.8740, 23.3697, 43.6240

Square

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



16.4014, 23.3697, 19.2691



19.9354, 23.3697, 48.5592



29.2551, 23.3697, 32.8184



24.6561, 23.3697, 11.1535

Rectangle

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



16.4014, 23.3697, 19.2691



16.7978, 23.3697, 36.4472



29.2551, 23.3697, 32.8184



28.6805, 23.3697, 16.9159

Sweetspot

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



16.4020, 23.3707, 19.2696



40.9153, 47.1070, 47.9477



18.3369, 24.5536, 10.9809



8.9039, 10.3817, 10.4587



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.4020, 23.3707, 19.2696



26.2482, 39.9246, 30.1466



18.6098, 24.2538, 30.8958



5.8467, 6.5153, 6.8037



10.1787, 18.5443, 8.9828



0.1395, 0.2329, 0.1884

Inverse Universe

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



17.4485, 12.7080, 16.5732



28.3322, 18.7012, 24.7848



15.9543, 12.1104, 8.7047



5.9110, 5.8595, 6.6376



11.4396, 5.7809, 5.7959



0.1548, 0.0767, 0.1488

Previews

White Background



This preview shows how the XYZ color 16.4014, 23.3697, 19.2691 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 16.4014, 23.3697, 19.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

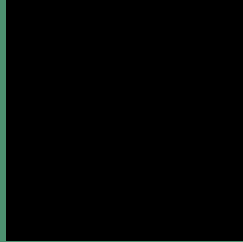
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.4014, 23.3697, 19.2691

Background



This preview shows how black text looks on a background with the XYZ color 16.4014, 23.3697, 19.2691.



This preview shows how white text looks on a background with the XYZ color 16.4014, 23.3697,

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

16.4014, 23.3697, 19.2691

Protanopia

21.6680, 23.1186, 16.9560

Deuteranopia

23.3779, 22.9471, 20.0267



Tritanopia

19.2169, 23.3915, 33.2079

Trichromacy



Original Color

16.4014, 23.3697, 19.2691

Protanomaly

19.0421, 22.7774, 17.8608

Deuteranomaly

19.9897, 22.5962, 19.8309

Tritanomaly

18.0661, 23.3647, 27.6024

Monochromacy



Original Color

16.4014, 23.3697, 19.2691

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.3899, 20.6287, 20.5179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4014, 23.3697, 19.2691 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(78, 146, 113)` looks like.

```
.text, #text, p{  
    color:rgb(78, 146, 113)  
}
```

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(78, 146, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 146, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.4014, 23.3697, 19.2691 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(78, 146, 113) }
```


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

```
.border{ border-color:rgb(78, 146, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 146, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 146, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 146, 113);  
box-shadow:4px 4px 4px 4px rgb(78, 146,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4014, 23.3697, 19.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 146, 113) }
```

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

```
.background{ background-color: rgb(78, 146,  
113) }
```

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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