

Converting Colors

XYZ(14.7564, 19.2080, 14.2390)

Have a look what the booklet for
XYZ(14.7564, 19.2080, 14.2390)
contains.

XYZ(14.7564, 19.2080, 14.2390)	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(14.7564, 19.2080,
14.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8261
RGB	94, 130, 97
RGB Percent	37%, 51%, 38%
CMY	0.6314, 0.4902, 0.6196
CMYK	0.28, 0.00, 0.25, 0.49
HSL	125°, 16%, 44%
HSV	125°, 28%, 51%
XYZ	14.7564, 19.2080, 14.2390
YIQ	115.4740, -10.8630, -17.8950

Conversions

Conversions Part 2

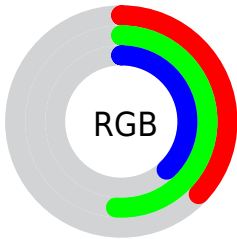
Format	Color
R_{YB}	94, 127, 130
Decimal	6193761
CIE _{Lab}	50.93, -19.76, 13.88
CIE _{LCh}	51, 24.147, 144.915
Yxy	19.2080, 0.3061, 0.3985
Android (android.graphics.Color)	4284383841 (0xFF5E8261)
YUV	115.4740, -9.1077, -18.8327
Hunter-Lab	43.8269, -16.5967, 11.4160

Details

The XYZ color **14.7564, 19.2080, 14.2390** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.0401, 14.2840, 21.9385**, and the grayscale version is **16.4694, 17.3271, 18.8692**.

A 20% lighter version of the original color is **33.9558, 42.0248, 34.3389**, and **4.5711, 6.5485, 4.0407** is the 20% darker color. If you saturate the color by 10%, you get **13.0194, 18.3726, 11.4719**, and if you desaturate by 10%, it is **16.8025, 20.1942, 17.4572**.

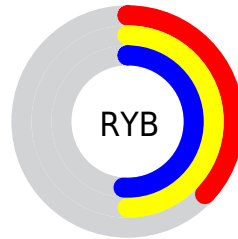
Distribution



Red (37%)

Green (51%)

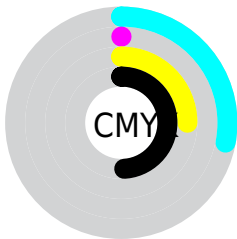
Blue (38%)



Red (37%)

Yellow (50%)

Blue (51%)

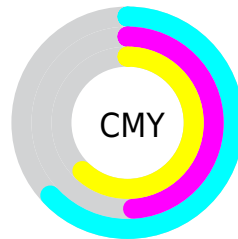


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7564, 19.2080, 14.2390 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 14.7564, 19.2080, 14.2390 by changing the saturation by 10% instead.

■ 14.7564, 19.2080,
14.2390

■ 14.7564, 19.2080,
14.2390

215.3047,
247.5946, 230.1925

■ 8.7338, 11.8207,
8.1464

■ 34.0004, 42.0853,
34.2357

■ 4.6237, 6.6217,
4.0997

■ 47.9526, 58.3440,
48.9769

■ 2.0607, 3.2267,
1.6802

■ 65.2786, 78.3287,
67.4381

■ 0.6677, 1.2512,
0.3471

■ 86.3439, 102.4236,
90.0378

■ 0.0000, 0.1029,
0.0000

111.5138,
131.0133, 117.1946

■ 0.0000, 0.0000,
0.0000

141.1537,

164.4821, 149.3269

175.6289,
203.2144, 186.8534

■ 14.7564, 19.2080,
14.2390

■ 14.7564, 19.2080,
14.2390

■ 13.0194, 18.3726,
11.4719

■ 16.8025, 20.1942,
17.4572

■ 11.5751, 17.6782,
9.1346

■ 19.1700, 21.3356,
21.1440

■ 10.4076, 17.1178,
7.2058

■ 21.8727, 22.6393,
25.3175

■ 9.4993, 16.6828,
5.6622

■ 24.9227, 24.1113,
29.9947

■ 8.8302, 16.3634,
4.4778

■ 28.3320, 25.7573,
35.1916

■ 8.3776, 16.1485,
3.6236

■ 32.1116, 27.5829,
40.9234

■ 8.0970, 16.0159,
3.0654

■ 36.2723, 29.5931,
47.2047

■ 8.0424, 15.9898,
2.9740

■ 40.8243, 31.7929,
54.0499

■ 45.7775, 34.1872,
61.4723

Harmonies

Analogous

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



16.3927, 19.2080, 11.1238



14.7564, 19.2080, 14.2390



14.0605, 19.2080, 19.7719

Triad

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



14.7564, 19.2080, 14.2390



17.8533, 19.2080, 36.9067



22.7379, 19.2080, 15.8566

Complementary

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



14.7564, 19.2080, 14.2390



17.0401, 14.2840, 21.9385

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.



23.2141, 19.2080, 22.0997



14.7564, 19.2080, 14.2390



20.2567, 19.2080, 35.2241

Square

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



14.7564, 19.2080, 14.2390



15.7463, 19.2080, 33.6023



22.2707, 19.2080, 29.4048



21.0205, 19.2080, 11.9054

Rectangle

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



14.7564, 19.2080, 14.2390



14.1754, 19.2080, 24.4786



22.2707, 19.2080, 29.4048



23.0544, 19.2080, 17.7138

Sweetspot

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



14.7569, 19.2088, 14.2394



33.5414, 37.4674, 36.8979



18.8458, 21.3326, 13.7142



7.4612, 8.4175, 8.1488



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.7569, 19.2088, 14.2394



24.0712, 32.9046, 22.0324



15.6594, 19.5698, 18.9918



4.2895, 4.8241, 4.6956



7.7124, 15.3315, 2.8581



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0401, 14.2840, 21.9385



28.7621, 22.7833, 37.8485



16.0020, 13.8688, 16.4720



4.4832, 4.4064, 5.3490



12.0306, 5.8319, 17.2828



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7564, 19.2080, 14.2390 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 14.7564, 19.2080, 14.2390 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 14.7564, 19.2080, 14.2390

Background



This preview shows how black text looks on a background with the XYZ color 14.7564, 19.2080, 14.2390.



This preview shows how white text looks on a background with the XYZ color 14.7564, 19.2080,

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

14.7564, 19.2080, 14.2390

Protanopia

17.8664, 19.1322, 13.1071

Deuteranopia

19.3609, 18.9863, 14.7009



Tritanopia

17.0736, 19.1832, 25.7245

Trichromacy



Original Color

14.7564, 19.2080, 14.2390

Protanomaly

16.4305, 18.9365, 13.3788

Deuteranomaly

17.2579, 18.7866, 14.5210

Tritanomaly

16.0776, 19.1559, 20.9392

Monochromacy



Original Color

14.7564, 19.2080, 14.2390

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4866, 17.6415, 16.7763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7564, 19.2080, 14.2390 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(94, 130, 97)` looks like.

```
.text, #text, p{  
    color:rgb(94, 130, 97)  
}
```

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(94, 130, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 130, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.7564, 19.2080, 14.2390 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(94, 130, 97) }
```


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

```
.border{ border-color:rgb(94, 130, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 130, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 130, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 130, 97);  
box-shadow:4px 4px 4px 4px rgb(94, 130,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7564, 19.2080, 14.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 130, 97) }
```

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

```
.background{ background-color: rgb(94, 130,  
97) }
```

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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