

Converting Colors

XYZ(19.2093, 20.2641, 8.2356)

Have a look what the booklet for
XYZ(19.2093, 20.2641, 8.2356)
contains.

XYZ(19.2514, 20.3219, 8.2181)	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(19.2514, 20.3219,
8.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7B43
RGB	142, 123, 67
RGB Percent	56%, 48%, 26%
CMY	0.4431, 0.5176, 0.7372
CMYK	0.00, 0.13, 0.53, 0.44
HSL	45°, 36%, 41%
HSV	45°, 53%, 56%
XYZ	19.2514, 20.3219, 8.2181
YIQ	122.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

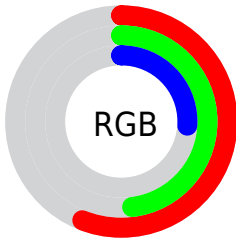
Format	Color
R_{YB}	92, 142, 67
Decimal	9337667
CIE Lab	52.20, -0.32, 33.06
CIE LCh	52, 33.065, 90.563
Yxy	20.3219, 0.4028, 0.4252
Android (android.graphics.Color)	4287527747 (0xFF8E7B43)
YUV	122.2970, -27.2614, 17.2795
Hunter-Lab	45.0798, -2.6610, 20.7472

Details

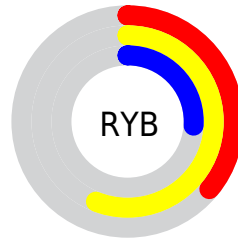
The XYZ color **19.2514, 20.3219, 8.2181** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.5250, 9.8016, 26.9283**, and the grayscale version is **18.6759, 19.6485, 21.3972**.

A 20% lighter version of the original color is **41.5083, 43.7912, 22.7878**, and **6.8588, 7.2563, 1.7009** is the 20% darker color. If you saturate the color by 10%, you get **18.4387, 19.2967, 6.0971**, and if you desaturate by 10%, it is **20.1859, 21.4236, 10.8956**.

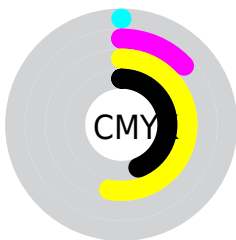
Distribution



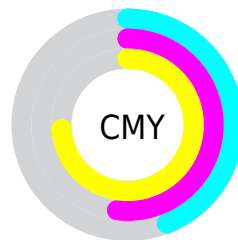
- Red (56%)
- Green (48%)
- Blue (26%)



- Red (36%)
- Yellow (56%)
- Blue (26%)



- Cyan (0%)
- Magenta (13%)
- Yellow (53%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2514, 20.3219, 8.2181 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 19.2514, 20.3219, 8.2181 by changing the saturation by 10% instead.

■ 19.2514, 20.3219,
8.2181

■ 19.2514, 20.3219,
8.2181

240.7447,
253.6525, 187.4308

■ 11.9572, 12.6293,
4.1451

■ 41.6721, 43.9562,
22.9381

■ 6.7865, 7.1737,
1.7053

■ 57.5292, 60.6667,
34.4221

■ 3.3741, 3.5710,
0.3643

■ 76.9714, 81.1519,
49.2136

■ 1.3545, 1.4366,
0.0000

■ 100.3639,
105.7962, 67.7310

■ 0.2235, 0.2435,
0.0000

■ 128.0721,
134.9840, 90.3928

■ 0.0000, 0.0000,
0.0000

160.4614,

169.0997, 117.6178

197.8972,
208.5277, 149.8242

■ 19.2514, 20.3219,
8.2181

■ 19.2514, 20.3219,
8.2181

■ 18.4387, 19.2967,
6.0971

■ 20.1859, 21.4236,
10.8956

■ 17.7385, 18.3417,
4.4904

■ 21.2481, 22.6021,
14.1652

■ 17.1421, 17.4539,
3.3517

■ 22.4448, 23.8611,
18.0612

■ 16.6390, 16.6288,
2.6257

■ 23.7821, 25.2035,
22.6145

■ 16.3127, 16.0656,
2.2412

■ 25.2659, 26.6318,
27.8542

■ 26.9013, 28.1483,
33.8078

■ 28.6934, 29.7552,
40.5010

■ 30.6471, 31.4549,
47.9583

■ 32.7669, 33.2493,
56.2031

Harmonies

Analogous

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



22.6990, 20.3219, 9.5267



19.2514, 20.3219, 8.2181



16.1871, 20.3219, 9.6317

Triad

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



19.2514, 20.3219, 8.2181



14.2291, 20.3219, 33.0405



25.5659, 20.3219, 32.6273

Complementary

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



19.2514, 20.3219, 8.2181



10.5250, 9.8016, 26.9283

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.



22.8227, 20.3219, 42.4063



19.2514, 20.3219, 8.2181



16.2859, 20.3219, 42.6898

Square

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



19.2514, 20.3219, 8.2181



13.5034, 20.3219, 22.3110



19.3795, 20.3219, 46.5331



26.5934, 20.3219, 21.9442

Rectangle

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



19.2514, 20.3219, 8.2181



14.7062, 20.3219, 12.2615



19.3795, 20.3219, 46.5331



24.7992, 20.3219, 36.2288

Sweetspot

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



19.2519, 20.3229, 8.2185



41.0795, 43.5948, 36.9193



14.8829, 10.4534, 10.2504



9.0810, 9.6427, 7.9246



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.



19.2519, 20.3229, 8.2185



32.3184, 33.7687, 10.2726



19.0708, 24.0737, 8.9520



5.7255, 6.0573, 5.7568



14.6615, 14.4548, 2.0173



0.1578, 0.1734, 0.0251

Inverse Universe

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



10.5250, 9.8016, 26.9283



15.2849, 13.2623, 46.8822



10.5909, 7.8756, 26.5531



5.2337, 5.4632, 6.8074



4.9624, 2.9109, 23.2774



0.0629, 0.0588, 0.2277

Previews

White Background



This preview shows how the XYZ color 19.2514, 20.3219, 8.2181 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 19.2514, 20.3219, 8.2181 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 19.2514, 20.3219, 8.2181

Background



This preview shows how black text looks on a background with the XYZ color 19.2514, 20.3219, 8.2181.



This preview shows how white text looks on a background with the XYZ color 19.2514, 20.3219,

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

19.2514, 20.3219, 8.2181

Protanopia

18.6935, 20.4030, 8.4218

Deuteranopia

20.5891, 20.2864, 8.2993



Tritanopia

21.9797, 20.1745, 22.1376

Trichromacy



Original Color

19.2514, 20.3219, 8.2181

Protanomaly

18.8985, 20.3216, 8.3952

Deuteranomaly

19.9726, 20.1462, 8.3048

Tritanomaly

20.7726, 20.2129, 15.9033

Monochromacy



Original Color

19.2514, 20.3219, 8.2181

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4111, 19.5455, 15.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2514, 20.3219, 8.2181 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(142, 123, 67)` looks like.

```
.text, #text, p{  
    color:rgb(142, 123, 67)  
}
```

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(142, 123, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 123, 67) }
```

Border

The CSS property to change the border of an element to XYZ 19.2514, 20.3219, 8.2181 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(142, 123, 67) }
```


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

```
.border{ border-color:rgb(142, 123, 67) }
```

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

Here you see how a box with a 4 pixel rgb(142, 123, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 123, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 123, 67);  
box-shadow:4px 4px 4px 4px rgb(142, 123,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2514, 20.3219, 8.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 123, 67) }
```

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

```
.background{ background-color: rgb(142,  
123, 67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor