

Converting Colors

XYZ(16.5393, 16.3167, 2.9395)

Have a look what the booklet for
XYZ(16.5393, 16.3167, 2.9395)
contains.

XYZ(16.5393, 16.3167, 2.9395)	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(16.5393, 16.3167,
2.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6B14
RGB	142, 107, 20
RGB Percent	56%, 42%, 8%
CMY	0.4431, 0.5804, 0.9216
CMYK	0.00, 0.25, 0.86, 0.44
HSL	43°, 75%, 32%
HSV	43°, 86%, 56%
XYZ	16.5393, 16.3167, 2.9395
YIQ	107.5470, 48.7870, -19.6370

Conversions

Conversions Part 2

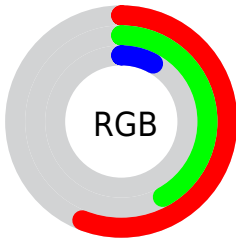
Format	Color
RYB	69, 142, 20
Decimal	9333524
CIELab	47.39, 5.92, 49.29
CIELCh	47, 49.645, 83.147
Yxy	16.3167, 0.4620, 0.4558
Android (android.graphics.Color)	4287523604 (0xFF8E6B14)
YUV	107.5470, -43.1607, 30.2153
Hunter-Lab	40.3939, 2.3975, 23.9612

Details

The XYZ color **16.5393, 16.3167, 2.9395** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.5371, 4.8340, 26.1795**, and the grayscale version is **14.2348, 14.9761, 16.3090**.

A 20% lighter version of the original color is **36.9826, 37.0769, 11.5107**, and **5.6404, 5.3064, 0.7270** is the 20% darker color. If you saturate the color by 10%, you get **16.0304, 15.4502, 2.3039**, and if you desaturate by 10%, it is **17.1398, 17.2532, 3.9556**.

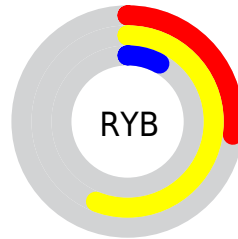
Distribution



Red (56%)

Green (42%)

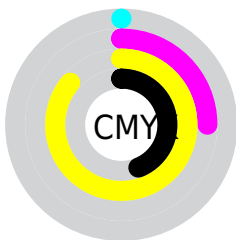
Blue (8%)



Red (27%)

Yellow (56%)

Blue (8%)

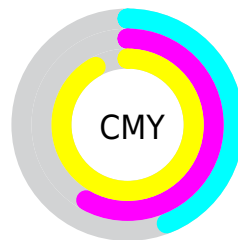


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5393, 16.3167, 2.9395 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 16.5393, 16.3167, 2.9395 by changing the saturation by 10% instead.

■ 16.5393, 16.3167,
2.9395

■ 16.5393, 16.3167,
2.9395

225.7117,
231.2033, 135.5863

■ 9.9998, 9.7485,
1.0638

■ 37.0819, 37.1471,
11.4788

■ 5.4611, 5.2325,
0.0000

■ 51.8157, 52.1782,
18.9795

■ 2.5578, 2.3843,
0.0000

■ 70.0117, 70.7990,
29.1922

■ 0.9245, 0.8178,
0.0000


■ 92.0353, 93.3940,
42.5356


■ 0.0000, 0.0000,
0.0000


■ 118.2517,
120.3475, 59.4282


■ 149.0263,


152.0440, 80.2885


 184.7245,
188.8678, 105.5350


 16.5393, 16.3167,
2.9395


 16.5393, 16.3167,
2.9395


 16.0304, 15.4502,
2.3039


 17.1398, 17.2532,
3.9556

 15.8348, 15.1099,
2.0819

 17.8450, 18.2634,
5.4247

 18.6649, 19.3523,
7.3962

 19.6078, 20.5236,
9.9127

 20.6810, 21.7808,
13.0122

■ 21.8916, 23.1270,
16.7294

■ 23.2456, 24.5651,
21.0961

■ 24.7490, 26.0977,
26.1421

■ 26.4074, 27.7275,
31.8952

Harmonies

Analogous

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



21.1515, 16.3167, 4.5815



16.5393, 16.3167, 2.9395



12.4171, 16.3167, 3.5079

Triad

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



16.5393, 16.3167, 2.9395



8.9616, 16.3167, 29.0840



23.3044, 16.3167, 36.6027

Complementary

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



16.5393, 16.3167, 2.9395



6.5371, 4.8340, 26.1795

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.



19.0747, 16.3167, 50.6219



16.5393, 16.3167, 2.9395



10.9707, 16.3167, 45.0347

Square

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



16.5393, 16.3167, 2.9395



8.5382, 16.3167, 15.0309



14.5215, 16.3167, 54.2761



25.5073, 16.3167, 20.8145

Rectangle

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



16.5393, 16.3167, 2.9395



10.4158, 16.3167, 5.3093



14.5215, 16.3167, 54.2761



22.0381, 16.3167, 41.9321

Sweetspot

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



16.5397, 16.3175, 2.9398



38.4630, 40.6292, 29.0569



12.1341, 6.5426, 4.4423



8.4427, 8.9121, 6.0281



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.



16.5397, 16.3175, 2.9398



27.7788, 26.3557, 3.6231



17.2163, 23.2200, 4.2365



5.7106, 6.0276, 5.7518



14.2336, 13.5989, 1.8747



0.1550, 0.1678, 0.0242

Inverse Universe

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



6.5371, 4.8340, 26.1795



9.8678, 5.9599, 45.7582



6.1887, 2.9978, 25.8435



5.2478, 5.4913, 6.8121



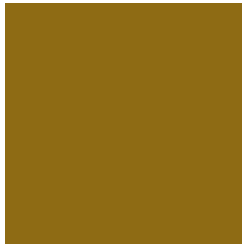
5.1017, 3.1894, 23.3238



0.0657, 0.0644, 0.2286

Previews

White Background



This preview shows how the XYZ color 16.5393, 16.3167, 2.9395 looks on a white 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

Black Background



This preview shows how the XYZ color 16.5393, 16.3167, 2.9395 looks on a black 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

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

XYZ 16.5393, 16.3167, 2.9395

Background



This preview shows how black text looks on a background with the XYZ color 16.5393, 16.3167, 2.9395.



This preview shows how white text looks on a background with the XYZ color 16.5393, 16.3167,

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

16.5393, 16.3167, 2.9395

Protanopia

14.8023, 16.3802, 3.1406

Deuteranopia

16.5393, 16.3167, 2.9395



Tritanopia

19.2436, 16.3789, 16.0571

Trichromacy



Original Color

16.5393, 16.3167, 2.9395

Protanomaly

15.3355, 16.3286, 3.0529

Deuteranomaly

16.5393, 16.3167, 2.9395

Tritanomaly

17.7973, 16.2282, 8.8510

Monochromacy



Original Color

16.5393, 16.3167, 2.9395

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4128, 15.2400, 9.0195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5393, 16.3167, 2.9395 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, 107, 20)` looks like.

```
.text, #text, p{  
    color:rgb(142, 107, 20)  
}
```

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, 107, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 107, 20) }
```

Border

The CSS property to change the border of an element to XYZ 16.5393, 16.3167, 2.9395 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, 107, 20) }
```


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

```
.border{ border-color:rgb(142, 107, 20) }
```

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

Here you see how a box with a 4 pixel rgb(142, 107, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 107, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 107, 20);  
box-shadow:4px 4px 4px 4px rgb(142, 107,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5393, 16.3167, 2.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 107, 20) }
```

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

```
.background{ background-color: rgb(142,  
107, 20) }
```

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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