

Converting Colors

XYZ(19.7367, 19.4268, 3.5737)

Have a look what the booklet for
XYZ(19.7367, 19.4268, 3.5737)
contains.

XYZ(19.7367, 19.4268, 3.5737)	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(19.7367, 19.4268,
3.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7418
RGB	154, 116, 24
RGB Percent	60%, 45%, 9%
CMY	0.3961, 0.5451, 0.9059
CMYK	0.00, 0.25, 0.84, 0.40
HSL	42°, 73%, 35%
HSV	42°, 84%, 60%
XYZ	19.7367, 19.4268, 3.5737
YIQ	116.8740, 52.1800, -20.5560

Conversions

Conversions Part 2

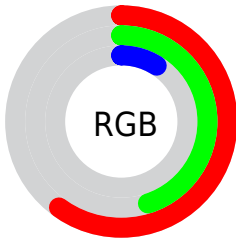
Format	Color
R_{YB}	78, 154, 24
Decimal	10122264
CIE Lab	51.18, 6.50, 51.80
CIE LCh	51, 52.204, 82.844
Yxy	19.4268, 0.4618, 0.4546
Android (android.graphics.Color)	4288312344 (0xFF9A7418)
YUV	116.8740, -45.7869, 32.5595
Hunter-Lab	44.0758, 2.7977, 26.0458

Details

The XYZ color **19.7367, 19.4268, 3.5737** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.9321, 5.9725, 31.3063**, and the grayscale version is **16.9961, 17.8812, 19.4726**.

A 20% lighter version of the original color is **42.4936, 42.5381, 12.9922**, and **7.2127, 6.7869, 0.9299** is the 20% darker color. If you saturate the color by 10%, you get **19.1130, 18.3679, 2.7851**, and if you desaturate by 10%, it is **20.4767, 20.5740, 4.8467**.

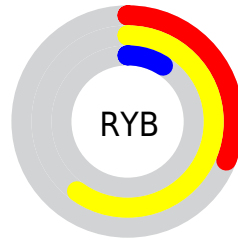
Distribution



Red (60%)

Green (45%)

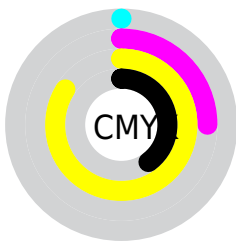
Blue (9%)



Red (31%)

Yellow (60%)

Blue (9%)

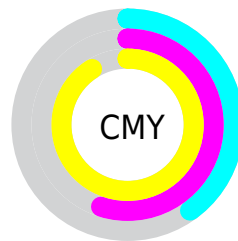


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7367, 19.4268, 3.5737 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 19.7367, 19.4268, 3.5737 by changing the saturation by 10% instead.

■ 19.7367, 19.4268,
3.5737

■ 19.7367, 19.4268,
3.5737

243.3470,
248.7949, 143.3622

■ 12.3109, 11.9791,
1.3945

■ 42.4826, 42.4541,
13.0140

■ 7.0295, 6.7294,
0.1374

■ 58.5335, 58.8024,
21.1122

■ 3.5271, 3.2935,
0.0000

■ 78.1901, 78.8864,
32.0205

■ 1.4382, 1.2868,
0.0000

■ 101.8179,
103.0904, 46.1574

■ 0.2832, 0.1309,
0.0000

■ 129.7820,
131.7989, 63.9415

■ 0.0000, 0.0000,
0.0000

■ 162.4481,

165.3962, 85.7913

200.1812,
204.2667, 112.1253

19.7367, 19.4268,
3.5737

19.7367, 19.4268,
3.5737

19.1130, 18.3679,
2.7851

20.4767, 20.5740,
4.8467

18.7937, 17.8048,
2.4461

21.3457, 21.8129,
6.6752

22.3556, 23.1494,
9.1182

23.5164, 24.5881,
12.2273

24.8373, 26.1333,
16.0482

■ 26.3264, 27.7886,
20.6227

■ 27.9913, 29.5576,
25.9895

■ 29.8392, 31.4437,
32.1843

■ 31.8767, 33.4500,
39.2410

Harmonies

Analogous

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



25.1766, 19.4268, 5.5659



19.7367, 19.4268, 3.5737



14.8527, 19.4268, 4.2274

Triad

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



19.7367, 19.4268, 3.5737



10.7060, 19.4268, 34.3115



27.6218, 19.4268, 43.5549

Complementary

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



19.7367, 19.4268, 3.5737



7.9321, 5.9725, 31.3063

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.



22.6191, 19.4268, 59.9711



19.7367, 19.4268, 3.5737



13.0660, 19.4268, 53.1139

Square

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



19.7367, 19.4268, 3.5737



10.2229, 19.4268, 17.7861



17.2484, 19.4268, 64.1102



30.2509, 19.4268, 24.9189

Rectangle

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



19.7367, 19.4268, 3.5737



12.4724, 19.4268, 6.3491



17.2484, 19.4268, 64.1102



26.1217, 19.4268, 49.8144

Sweetspot

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



19.7371, 19.4278, 3.5741



47.5147, 50.1434, 36.4898



14.5503, 7.8823, 5.4576



10.5490, 11.1234, 7.6198



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.7371, 19.4278, 3.5741



33.9666, 31.9961, 4.3856



20.6226, 27.7662, 5.1369



6.5563, 6.9178, 6.5955



15.3437, 14.5698, 2.0036



0.2603, 0.2796, 0.0402

Inverse Universe

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



7.9321, 5.9725, 31.3063



12.1534, 7.3538, 56.3152



7.4750, 3.6647, 30.8850



6.0243, 6.3059, 7.8286



5.5448, 3.4862, 25.2884



0.1115, 0.1093, 0.3876

Previews

White Background



This preview shows how the XYZ color 19.7367, 19.4268, 3.5737 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 19.7367, 19.4268, 3.5737 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 19.7367, 19.4268, 3.5737

Background



This preview shows how black text looks on a background with the XYZ color 19.7367, 19.4268, 3.5737.



This preview shows how white text looks on a background with the XYZ color 19.7367, 19.4268,

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

19.7367, 19.4268, 3.5737

Protanopia

17.7506, 19.6438, 3.8333

Deuteranopia

19.7367, 19.4268, 3.5737



Tritanopia

22.8130, 19.3570, 19.0569

Trichromacy



Original Color

19.7367, 19.4268, 3.5737

Protanomaly

18.3935, 19.4324, 3.7011

Deuteranomaly

19.7367, 19.4268, 3.5737

Tritanomaly

21.1504, 19.1615, 10.7674

Monochromacy



Original Color

19.7367, 19.4268, 3.5737

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.1285, 18.0929, 10.7731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7367, 19.4268, 3.5737 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(154, 116, 24)` looks like.

```
.text, #text, p{  
    color:rgb(154, 116, 24)  
}
```

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(154, 116, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 116, 24) }
```

Border

The CSS property to change the border of an element to XYZ 19.7367, 19.4268, 3.5737 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(154, 116, 24) }
```


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

```
.border{ border-color:rgb(154, 116, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 116, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 116, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 116, 24);  
box-shadow:4px 4px 4px 4px rgb(154, 116,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7367, 19.4268, 3.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 116, 24) }
```

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

```
.background{ background-color: rgb(154,  
116, 24) }
```

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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