

Converting Colors

XYZ(18.3763, 19.7582, 4.3482)

Have a look what the booklet for
XYZ(18.3763, 19.7582, 4.3482)
contains.

XYZ(18.4036, 19.7853, 4.3624)	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(18.4036, 19.7853,
4.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7A22
RGB	142, 122, 34
RGB Percent	56%, 48%, 13%
CMY	0.4431, 0.5216, 0.8667
CMYK	0.00, 0.14, 0.76, 0.44
HSL	49°, 61%, 35%
HSV	49°, 76%, 56%
XYZ	18.4036, 19.7853, 4.3624
YIQ	117.9480, 40.1680, -23.1280

Conversions

Conversions Part 2

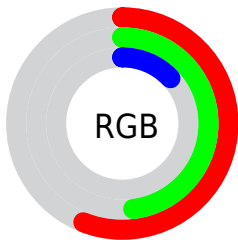
Format	Color
RYB	59, 142, 34
Decimal	9337378
CIELab	51.59, -2.09, 48.10
CIELCh	52, 48.150, 92.487
Yxy	19.7853, 0.4325, 0.4650
Android (android.graphics.Color)	4287527458 (0xFF8E7A22)
YUV	117.9480, -41.3864, 21.0936
Hunter-Lab	44.4807, -3.9879, 25.3217

Details

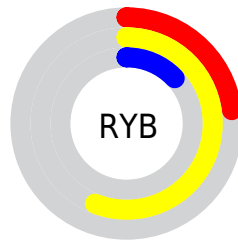
The XYZ color **18.4036, 19.7853, 4.3624** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.8614, 4.9314, 26.1813**, and the grayscale version is **17.3208, 18.2228, 19.8447**.

A 20% lighter version of the original color is **40.3289, 43.0701, 14.7821**, and **6.4733, 6.9723, 1.0046** is the 20% darker color. If you saturate the color by 10%, you get **17.9213, 19.0835, 3.3916**, and if you desaturate by 10%, it is **18.9802, 20.5403, 5.7827**.

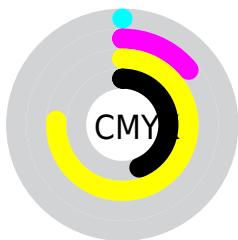
Distribution



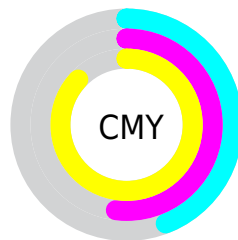
- Red (56%)
- Green (48%)
- Blue (13%)



- Red (23%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (14%)
- Yellow (76%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4036, 19.7853, 4.3624 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 18.4036, 19.7853, 4.3624 by changing the saturation by 10% instead.

■ 18.4036, 19.7853,
4.3624

■ 18.4036, 19.7853,
4.3624

236.1380,
250.7504, 152.1721

■ 11.3416, 12.2391,
1.8262

■ 40.2486, 43.0569,
14.8373

■ 6.3661, 6.9067,
0.4451

■ 55.7622, 59.5511,
23.6131

■ 3.1117, 3.4038,
0.0000

■ 74.8238, 79.7968,
35.3058

■ 1.2131, 1.3460,
0.0000

■ 97.7987, 104.1782,
50.3339

■ 0.1167, 0.1764,
0.0000

■ 125.0522,
133.0800, 69.1161

■ 0.0000, 0.0000,
0.0000

■ 156.9497,

166.8863, 92.0708

193.8565,
205.9817, 119.6166

■ 18.4036, 19.7853,
4.3624

■ 18.4036, 19.7853,
4.3624

■ 17.9213, 19.0835,
3.3916

■ 18.9802, 20.5403,
5.7827

■ 17.5176, 18.4263,
2.7943

■ 19.6592, 21.3495,
7.7005

■ 17.3670, 18.1743,
2.5926

■ 20.4491, 22.2174,
10.1586

■ 21.3572, 23.1468,
13.1953

■ 22.3901, 24.1405,
16.8451

■ 23.5541, 25.2011,
21.1398

■ 24.8547, 26.3310,
26.1092

■ 26.2973, 27.5325,
31.7810

■ 27.8870, 28.8075,
38.1815

Harmonies

Analogous

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



23.4495, 19.7853, 5.4787



18.4036, 19.7853, 4.3624



14.2289, 19.7853, 5.9571

Triad

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



18.4036, 19.7853, 4.3624



11.9862, 19.7853, 39.3029



28.3457, 19.7853, 36.3816

Complementary

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



18.4036, 19.7853, 4.3624



6.8614, 4.9314, 26.1813

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.



24.2708, 19.7853, 52.8275



18.4036, 19.7853, 4.3624



14.8188, 19.7853, 54.9629

Square

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



18.4036, 19.7853, 4.3624



10.9439, 19.7853, 22.7226



19.2129, 19.7853, 60.7460



29.7427, 19.7853, 20.4047

Rectangle

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



18.4036, 19.7853, 4.3624



12.3369, 19.7853, 9.0308



19.2129, 19.7853, 60.7460



27.2128, 19.7853, 42.2364

Sweetspot

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



18.4041, 19.7862, 4.3628



39.9894, 43.0402, 31.5446



12.4315, 7.1767, 4.4207



8.7914, 9.4825, 6.5361



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.



18.4041, 19.7862, 4.3628



31.1054, 32.8530, 5.2128



16.3426, 22.7509, 5.0437



5.7558, 6.1180, 5.7669



15.6054, 16.3425, 2.3319



0.1634, 0.1847, 0.0270

Inverse Universe

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



6.8614, 4.9314, 26.1813



9.8676, 5.6287, 45.6942



7.7286, 4.2695, 26.0078



5.2054, 5.4066, 6.7980



4.7319, 2.4498, 23.2005



0.0573, 0.0475, 0.2258

Previews

White Background



This preview shows how the XYZ color 18.4036, 19.7853, 4.3624 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 18.4036, 19.7853, 4.3624 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 18.4036, 19.7853, 4.3624

Background



This preview shows how black text looks on a background with the XYZ color 18.4036, 19.7853, 4.3624.



This preview shows how white text looks on a background with the XYZ color 18.4036, 19.7853,

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

18.4036, 19.7853, 4.3624

Protanopia

17.8529, 19.6847, 4.3719

Deuteranopia

20.0062, 19.7200, 4.4210



Tritanopia

21.8052, 19.7606, 21.4038

Trichromacy



Original Color

18.4036, 19.7853, 4.3624

Protanomaly

18.0192, 19.7704, 4.3797

Deuteranomaly

19.4779, 19.7990, 4.3851

Tritanomaly

20.1037, 19.5889, 12.6190

Monochromacy



Original Color

18.4036, 19.7853, 4.3624

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0695, 18.3938, 11.6675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4036, 19.7853, 4.3624 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, 122, 34)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 34)  
}
```

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, 122, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 34) }
```

Border

The CSS property to change the border of an element to XYZ 18.4036, 19.7853, 4.3624 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, 122, 34) }
```


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

```
.border{ border-color:rgb(142, 122, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 34);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4036, 19.7853, 4.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 34) }
```

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

```
.background{ background-color: rgb(142,  
122, 34) }
```

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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