

Converting Colors

XYZ(19.1554, 15.8703, 2.9586)

Have a look what the booklet for
XYZ(19.1554, 15.8703, 2.9586)
contains.

XYZ(19.1680, 15.9360, 2.9854)	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(19.1680, 15.9360,
2.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	A25F19
RGB	162, 95, 25
RGB Percent	64%, 37%, 10%
CMY	0.3647, 0.6274, 0.9020
CMYK	0.00, 0.41, 0.85, 0.36
HSL	31°, 73%, 37%
HSV	31°, 85%, 64%
XYZ	19.1680, 15.9360, 2.9854
YIQ	107.0530, 62.4020, -7.5660

Conversions

Conversions Part 2

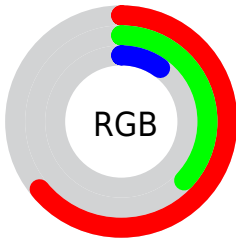
Format	Color
R_{YB}	156, 162, 25
Decimal	10641177
CIE Lab	46.89, 22.13, 48.12
CIE LCh	47, 52.969, 65.301
Yxy	15.9360, 0.5032, 0.4184
Android (android.graphics.Color)	4288831257 (0xFFA25F19)
YUV	107.0530, -40.4521, 48.1885
Hunter-Lab	39.9199, 15.8489, 23.5100

Details

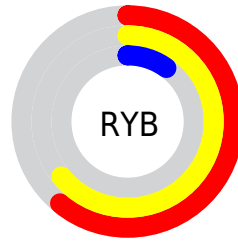
The XYZ color **19.1680, 15.9360, 2.9854** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.7494, 10.4692, 35.6364**, and the grayscale version is **14.0869, 14.8205, 16.1395**.

A 20% lighter version of the original color is **41.6731, 36.5954, 11.5238**, and **6.8827, 5.1172, 0.6250** is the 20% darker color. If you saturate the color by 10%, you get **18.3633, 14.5304, 2.0896**, and if you desaturate by 10%, it is **20.1470, 17.5288, 4.4380**.

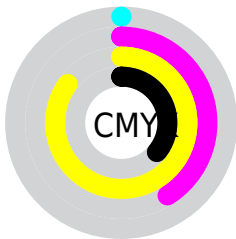
Distribution



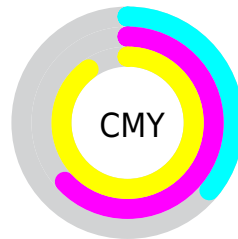
- Red (64%)
- Green (37%)
- Blue (10%)



- Red (61%)
- Yellow (64%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (85%)
- Black (36%)





- Cyan (36%)
- Magenta (63%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.1680, 15.9360, 2.9854 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 19.1680, 15.9360, 2.9854 by changing the saturation by 10% instead.


 19.1680, 15.9360,
2.9854


 19.1680, 15.9360,
2.9854


240.2950,
228.9638, 136.1745


 11.8965, 9.4789,
1.0872


 41.5325, 36.4871,
11.5924


 6.7449, 5.0548,
0.0000


 57.3561, 51.3498,
19.1382


 3.3480, 2.2795,
0.0000

 76.7612, 69.7832,
29.4037

 1.3403, 0.7628,
0.0000

 100.1130, 92.1716,
42.8074

 0.2131, 0.0000,
0.0000

 127.7769,
118.8995, 59.7677

 0.0000, 0.0000,
0.0000

 160.1183,

150.3512, 80.7033

197.5026,
186.9112, 106.0327

19.1680, 15.9360,
2.9854

19.1680, 15.9360,
2.9854

18.3633, 14.5304,
2.0896

20.1470, 17.5288,
4.4380

17.9765, 13.8339,
1.7228

21.3168, 19.3168,
6.5288

22.6925, 21.3097,
9.3257

24.2871, 23.5159,
12.8878

26.1123, 25.9429,
17.2676

■ 28.1788, 28.5979,
22.5130

■ 30.4968, 31.4878,
28.6682

■ 33.0754, 34.6189,
35.7744

■ 35.9237, 37.9973,
43.8702

Harmonies

Analogous

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



23.6102, 15.9360, 6.4148



19.1680, 15.9360, 2.9854



14.3411, 15.9360, 2.3506

Triad

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



19.1680, 15.9360, 2.9854



7.9142, 15.9360, 19.8085



20.8788, 15.9360, 47.4784

Complementary

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



19.1680, 15.9360, 2.9854



10.7494, 10.4692, 35.6364

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.



15.9819, 15.9360, 56.9848



19.1680, 15.9360, 2.9854



8.9944, 15.9360, 36.5847

Square

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



19.1680, 15.9360, 2.9854



8.4272, 15.9360, 8.7474



11.7312, 15.9360, 52.2242



24.7302, 15.9360, 30.2936

Rectangle

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



19.1680, 15.9360, 2.9854



11.6601, 15.9360, 3.0205



11.7312, 15.9360, 52.2242



19.2671, 15.9360, 51.9893

Sweetspot

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



19.1684, 15.9368, 2.9857



50.7973, 51.4621, 39.9375



17.2460, 9.1759, 11.3349



11.1187, 11.1882, 8.2247



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.1684, 15.9368, 2.9857



32.4288, 24.7015, 3.0587



27.9960, 33.5921, 5.9282



7.3590, 7.6563, 7.4700



14.2057, 10.9853, 1.3717



0.3457, 0.3252, 0.0445

Inverse Universe

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



10.7494, 10.4692, 35.6364



16.7399, 14.5364, 63.9796



7.2702, 3.5107, 34.4767



6.9730, 7.4050, 8.9649



7.3962, 6.5718, 27.8084



0.2027, 0.2327, 0.6001

Previews

White Background



This preview shows how the XYZ color 19.1680, 15.9360, 2.9854 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 19.1680, 15.9360, 2.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

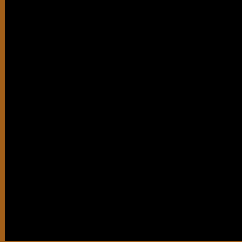
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1680, 15.9360, 2.9854

Background



This preview shows how black text looks on a background with the XYZ color 19.1680, 15.9360, 2.9854.



This preview shows how white text looks on a background with the XYZ color 19.1680, 15.9360,

2.9854.

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

19.1680, 15.9360, 2.9854

Protanopia

14.4734, 16.0370, 3.4950

Deuteranopia

16.2561, 16.0178, 2.8511



Tritanopia

21.1550, 15.9703, 12.7941

Trichromacy



Original Color

19.1680, 15.9360, 2.9854

Protanomaly

15.8449, 15.7952, 3.3123

Deuteranomaly

17.2812, 15.9464, 2.8766

Tritanomaly

20.1564, 15.8169, 7.7850

Monochromacy



Original Color

19.1680, 15.9360, 2.9854

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9422, 14.7483, 9.0804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1680, 15.9360, 2.9854 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(162, 95, 25)` looks like.

```
.text, #text, p{  
    color:rgb(162, 95, 25)  
}
```

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(162, 95, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 95, 25) }
```

Border

The CSS property to change the border of an element to XYZ 19.1680, 15.9360, 2.9854 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(162, 95, 25) }
```


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

```
.border{ border-color:rgb(162, 95, 25) }
```

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

Here you see how a box with a 4 pixel rgb(162, 95, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 95, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 95, 25);  
box-shadow:4px 4px 4px 4px rgb(162, 95,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1680, 15.9360, 2.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 95, 25) }
```

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

```
.background{ background-color: rgb(162, 95,  
25) }
```

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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