

Converting Colors

XYZ(19.4896, 10.9284, 2.6695)

Have a look what the booklet for
XYZ(19.4896, 10.9284, 2.6695)
contains.

XYZ(19.5247, 10.9668, 2.6778)	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(19.5247, 10.9668,
2.6778)**

Conversions

Conversions Part 1

Format	Color
Hex	B32423
RGB	179, 36, 35
RGB Percent	70%, 14%, 14%
CMY	0.2980, 0.8588, 0.8627
CMYK	0.00, 0.80, 0.80, 0.30
HSL	0°, 67%, 42%
HSV	0°, 80%, 70%
XYZ	19.5247, 10.9668, 2.6778
YIQ	78.6430, 85.5490, 30.0050

Conversions

Conversions Part 2

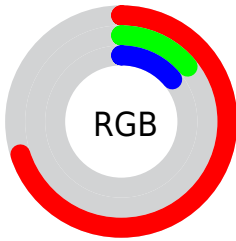
Format	Color
R _Y B	179, 36, 35
Decimal	11740195
CIE Lab	39.52, 55.69, 37.57
CIE LCh	40, 67.179, 34.005
Yxy	10.9668, 0.5886, 0.3306
Android (android.graphics.Color)	4289930275 (0xFFB32423)
YUV	78.6430, -21.5160, 88.0131
Hunter-Lab	33.1162, 47.2872, 18.3871

Details

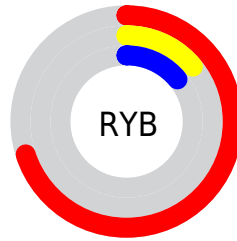
The XYZ color **19.5247, 10.9668, 2.6778** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **24.7478, 35.4481, 48.1855**, and the grayscale version is **7.3928, 7.7778, 8.4700**.

A 20% lighter version of the original color is **42.1954, 27.6557, 10.8987**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **18.9125, 10.0648, 1.4803**, and if you desaturate by 10%, it is **20.5399, 12.4582, 4.6782**.

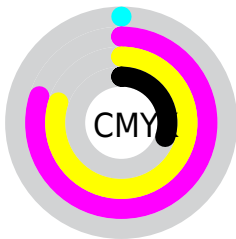
Distribution



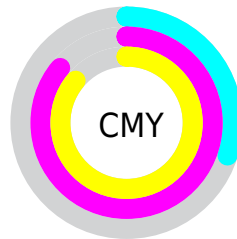
- Red (70%)
- Green (14%)
- Blue (14%)



- Red (70%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (30%)





- Cyan (30%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.5247, 10.9668, 2.6778 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 19.5247, 10.9668, 2.6778 by changing the saturation by 10% instead.


 19.5247, 10.9668,
2.6778


 19.5247, 10.9668,
2.6778


242.2132,
197.4396, 132.1448


 12.1563, 6.0445,
0.9322


 42.1289, 27.5988,
10.8225


 6.9232, 2.8722,
0.0000


 58.0954, 40.0772,
18.0590


 3.4600, 1.0654,
0.0000

 77.6586, 55.8432,
27.9630

 1.4014, 0.0000,
0.0000

 101.1839, 75.2811,
40.9531

 0.2572, 0.0000,
0.0000

 129.0367, 98.7753,
57.4478

 0.0000, 0.0000,
0.0000

 161.5823,

126.7102, 77.8656

199.1860,
159.4702, 102.6251

19.5247, 10.9668,
2.6778

19.5247, 10.9668,
2.6778

18.9125, 10.0648,
1.4803

20.5399, 12.4582,
4.6782

18.6040, 9.6110,
0.8746

22.0103, 14.6141,
7.5883

23.9812, 17.5004,
11.4992

26.4922, 21.1748,
16.4907

29.5789, 25.6891,
22.6344

■ 33.2739, 31.0908,
29.9962

■ 37.6074, 37.4236,
38.6367

■ 42.6076, 44.7286,
48.6125

■ 48.3008, 53.0444,
59.9769

Harmonies

Analogous

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



21.8604, 10.9668, 10.2700



19.5247, 10.9668, 2.6778



14.7635, 10.9668, 0.5428

Triad

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



19.5247, 10.9668, 2.6778



4.3572, 10.9668, 3.9643



11.0487, 10.9668, 58.6686

Complementary

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



19.5247, 10.9668, 2.6778



24.7478, 35.4481, 48.1855

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.



7.0303, 10.9668, 51.7841



19.5247, 10.9668, 2.6778



3.8904, 10.9668, 13.7840

Square

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



19.5247, 10.9668, 2.6778



6.2450, 10.9668, 0.8708



4.7089, 10.9668, 32.2391



16.1435, 10.9668, 47.2543

Rectangle

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



19.5247, 10.9668, 2.6778



11.3676, 10.9668, 0.0933



4.7089, 10.9668, 32.2391



9.5334, 10.9668, 58.4489

Sweetspot

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



19.5249, 10.9675, 2.6780



56.8395, 51.6583, 48.2355



27.3280, 14.0404, 43.9174



12.0821, 10.6983, 9.6692



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



19.5249, 10.9675, 2.6780



33.4258, 17.3649, 1.7899



24.1514, 20.2204, 4.2201



8.5010, 8.5145, 8.8479



13.1485, 6.7956, 0.6187



0.4153, 0.2170, 0.0200

Inverse Universe

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



24.7478, 35.4481, 48.1855



43.0872, 62.7289, 86.2181



14.0875, 14.1273, 44.6320



8.7375, 9.6211, 10.9029



16.9659, 24.7321, 34.0166



0.5354, 0.7814, 1.0708

Previews

White Background



This preview shows how the XYZ color 19.5247, 10.9668, 2.6778 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



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 19.5247, 10.9668, 2.6778

Background



This preview shows how black text looks on a background with the XYZ color 19.5247, 10.9668, 2.6778.



This preview shows how white text looks on a background with the XYZ color 19.5247, 10.9668,

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

19.5247, 10.9668, 2.6778

Protanopia

10.3092, 11.1875, 4.7480

Deuteranopia

11.4087, 11.2922, 2.3374



Tritanopia

19.5397, 10.9728, 2.7572

Trichromacy



Original Color

19.5247, 10.9668, 2.6778

Protanomaly

12.2163, 9.7798, 3.7265

Deuteranomaly

13.3725, 10.1222, 2.2859

Tritanomaly

19.5397, 10.9728, 2.7572

Monochromacy



Original Color

19.5247, 10.9668, 2.6778

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

9.7449, 7.5587, 5.6480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5247, 10.9668, 2.6778 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(179, 36, 35)` looks like.

```
.text, #text, p{  
    color:rgb(179, 36, 35)  
}
```

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(179, 36, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 36, 35) }
```

Border

The CSS property to change the border of an element to XYZ 19.5247, 10.9668, 2.6778 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(179, 36, 35) }
```


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

```
.border{ border-color:rgb(179, 36, 35) }
```

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

Here you see how a box with a 4 pixel rgb(179, 36, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 36, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 36, 35);  
box-shadow:4px 4px 4px 4px rgb(179, 36,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5247, 10.9668, 2.6778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 36, 35) }
```

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

```
.background{ background-color: rgb(179, 36,  
35) }
```

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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