

Converting Colors

XYZ(19.3694, 10.4484, 2.7778)

Have a look what the booklet for
XYZ(19.3694, 10.4484, 2.7778)
contains.

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Color

**XYZ(19.2720, 10.4125,
2.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	B31925
RGB	179, 25, 37
RGB Percent	70%, 10%, 15%
CMY	0.2980, 0.9019, 0.8549
CMYK	0.00, 0.86, 0.79, 0.30
HSL	355°, 75%, 40%
HSV	355°, 86%, 70%
XYZ	19.2720, 10.4125, 2.7443
YIQ	72.4140, 87.9320, 36.3800

Conversions

Conversions Part 2

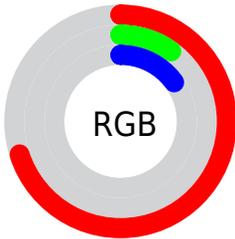
Format	Color
R_{YB}	179, 25, 37
Decimal	11737381
CIE _{Lab}	38.57, 58.51, 35.45
CIE _{LCh}	39, 68.416, 31.210
Yxy	10.4125, 0.5943, 0.3211
Android (android.graphics.Color)	4289927461 (0xFFB31925)
YUV	72.4140, -17.4591, 93.4759
Hunter-Lab	32.2684, 50.1377, 17.5455

Details

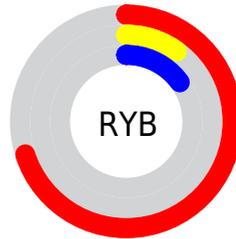
The XYZ color **19.2720, 10.4125, 2.7443** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **23.4977, 35.2375, 42.1294**, and the grayscale version is **6.2508, 6.5763, 7.1616**.

A 20% lighter version of the original color is **41.7133, 26.6312, 10.9244**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **18.7983, 9.7904, 1.5840**, and if you desaturate by 10%, it is **20.1055, 11.5670, 4.6026**.

Distribution



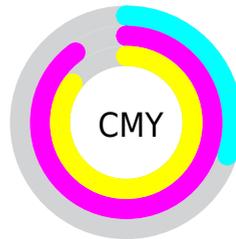
- Red (70%)
- Green (10%)
- Blue (15%)



- Red (70%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (86%)
- Yellow (79%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2720, 10.4125, 2.7443 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 19.2720, 10.4125, 2.7443 by changing the saturation by 10% instead.

 19.2720, 10.4125,
2.7443

 19.2720, 10.4125,
2.7443

240.8557,
193.5913, 133.0342

 11.9722, 5.6733,
0.9656

 41.7065, 26.5685,
10.9907

 6.7968, 2.6475,
0.0000

 57.5719, 38.7542,
18.2955

 3.3805, 0.9506,
0.0000

 77.0232, 54.1907,
28.2793

 1.3580, 0.0000,
0.0000

 100.4258, 73.2626,
41.3608

 0.2260, 0.0000,
0.0000

 128.1450, 96.3542,
57.9586

 0.0000, 0.0000,
0.0000

 160.5461,

123.8499, 78.4910

197.9945,
156.1342, 103.3767

19.2720, 10.4125,
2.7443

19.2720, 10.4125,
2.7443

18.7983, 9.7904,
1.5840

20.1055, 11.5670,
4.6026

18.6692, 9.6152,
1.2850

21.3551, 13.3438,
7.2467

23.0666, 15.8149,
10.7513

25.2791, 19.0419,
15.1822

28.0278, 23.0796,
20.5989

■ 31.3448, 27.9777,
27.0559

■ 35.2594, 33.7819,
34.6036

■ 39.7992, 40.5349,
43.2892

■ 44.9897, 48.2764,
53.1571

Harmonies

Analogous

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



21.2842, 10.4125, 10.8230



19.2720, 10.4125, 2.7443



14.6653, 10.4125, 0.4576

Triad

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



19.2720, 10.4125, 2.7443



4.0939, 10.4125, 3.1109



10.0803, 10.4125, 58.3937

Complementary

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



19.2720, 10.4125, 2.7443



23.4977, 35.2375, 42.1294

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.



6.2933, 10.4125, 49.7577



19.2720, 10.4125, 2.7443



3.5304, 10.4125, 11.8679

Square

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



19.2720, 10.4125, 2.7443



6.0626, 10.4125, 0.5586



4.1960, 10.4125, 29.5878



15.0798, 10.4125, 48.3705

Rectangle

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



19.2720, 10.4125, 2.7443



11.2759, 10.4125, 0.0000



4.1960, 10.4125, 29.5878



8.6350, 10.4125, 57.5481

Sweetspot

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



19.2722, 10.4131, 2.7444



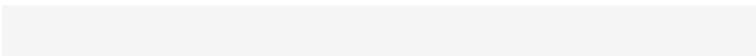
55.8711, 49.7126, 47.9396



24.2457, 12.0757, 43.7006



11.9054, 10.3147, 9.7032



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.



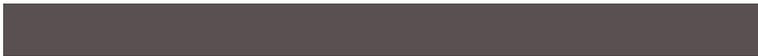
19.2722, 10.4131, 2.7444



33.4046, 17.2080, 2.1358



22.3530, 16.8279, 2.9905



8.5223, 8.5156, 8.9830



13.2027, 6.7986, 0.9613



0.4242, 0.2174, 0.0766

Inverse Universe

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



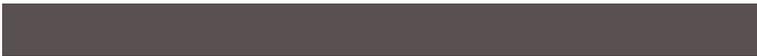
19.2722, 10.4131, 2.7444



33.4046, 17.2080, 2.1358



14.6504, 15.6864, 44.9033



8.5223, 8.5156, 8.9830



13.2027, 6.7986, 0.9613



0.4242, 0.2174, 0.0766

Previews

White Background



This preview shows how the XYZ color 19.2720, 10.4125, 2.7443 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 19.2720, 10.4125, 2.7443

Background



This preview shows how black text looks on a background with the XYZ color 19.2720, 10.4125, 2.7443.



This preview shows how white text looks on a background with the XYZ color 19.2720, 10.4125,

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

19.2720, 10.4125, 2.7443

Protanopia

9.8836, 10.6968, 5.1582

Deuteranopia

10.8677, 10.7626, 2.4243



Tritanopia

19.1578, 10.4378, 1.9247

Trichromacy



Original Color

19.2720, 10.4125, 2.7443

Protanomaly

11.6539, 9.0148, 3.9221

Deuteranomaly

12.7595, 9.3583, 2.2962

Tritanomaly

19.1816, 10.4112, 2.1610

Monochromacy



Original Color

19.2720, 10.4125, 2.7443

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

8.7112, 6.4277, 4.9192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2720, 10.4125, 2.7443 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, 25, 37)` looks like.

```
.text, #text, p{  
    color:rgb(179, 25, 37)  
}
```

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, 25, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 25, 37) }
```

Border

The CSS property to change the border of an element to XYZ 19.2720, 10.4125, 2.7443 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, 25, 37) }
```

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

```
.border{ border-color:rgb(179, 25, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 25, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 25, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 25, 37);  
box-shadow:4px 4px 4px 4px rgb(179, 25,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2720, 10.4125, 2.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 25, 37) }
```

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

```
.background{ background-color: rgb(179, 25,  
37) }
```

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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