

Converting Colors

XYZ(20.0054, 10.3275, 6.9619)

Have a look what the booklet for
XYZ(20.0054, 10.3275, 6.9619)
contains.

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Color

**XYZ(20.0574, 10.3536,
6.9025)**

Conversions

Conversions Part 1

Format	Color
Hex	B40947
RGB	180, 9, 71
RGB Percent	71%, 4%, 28%
CMY	0.2941, 0.9646, 0.7216
CMYK	0.00, 0.95, 0.61, 0.29
HSL	338°, 90%, 37%
HSV	338°, 95%, 71%
XYZ	20.0574, 10.3536, 6.9025
YIQ	67.1970, 82.0140, 55.5340

Conversions

Conversions Part 2

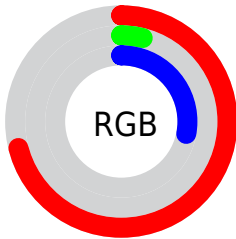
Format	Color
R_{YB}	180, 9, 71
Decimal	11798855
CIE _{Lab}	38.47, 62.90, 14.17
CIE _{LCh}	38, 64.472, 12.693
Yxy	10.3536, 0.5375, 0.2775
Android (android.graphics.Color)	4289988935 (0xFFB40947)
YUV	67.1970, 1.8749, 98.9282
Hunter-Lab	32.1770, 54.9574, 9.8052

Details

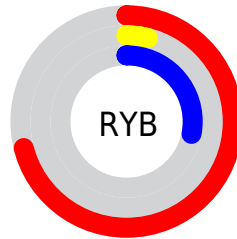
The XYZ color **20.0574, 10.3536, 6.9025** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **19.7061, 34.0094, 22.6750**, and the grayscale version is **5.3569, 5.6359, 6.1375**.

A 20% lighter version of the original color is **43.1180, 26.5498, 20.3048**, and **7.9675, 4.0818, 1.5303** is the 20% darker color. If you saturate the color by 10%, you get **19.7835, 10.0877, 5.9423**, and if you desaturate by 10%, it is **20.7561, 11.1050, 9.1274**.

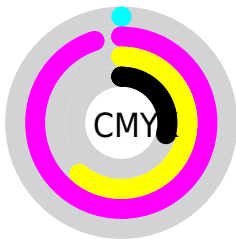
Distribution



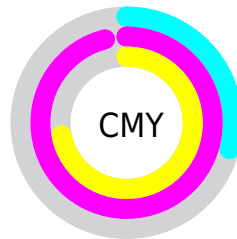
- Red (71%)
- Green (4%)
- Blue (28%)



- Red (71%)
- Yellow (4%)
- Blue (28%)



- Cyan (0%)
- Magenta (95%)
- Yellow (61%)
- Black (29%)





- Cyan (29%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.0574, 10.3536, 6.9025 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 20.0574, 10.3536, 6.9025 by changing the saturation by 10% instead.


 20.0574, 10.3536,
6.9025


 20.0574, 10.3536,
6.9025


245.0533,
193.1775, 176.4512


 12.5453, 5.6340,
3.3237


 43.0166, 26.4585,
20.2863


 7.1910, 2.6239,
1.2622


 59.1944, 38.6126,
30.9284


 3.6292, 0.9387,
0.0305

 78.9915, 54.0137,
44.7620

 1.4946, 0.0000,
0.0000

 102.7732, 73.0461,
62.2056

 0.3222, 0.0000,
0.0000

 130.9048, 96.0944,
83.6777

 0.0000, 0.0000,
0.0000

 163.7519,

123.5427, 109.5970

201.6796,
155.7756, 140.3820

■ 20.0574, 10.3536,
6.9025

■ 20.0574, 10.3536,
6.9025

■ 19.7835, 10.0877,
5.9423

■ 20.7561, 11.1050,
9.1274

■ 21.7801, 12.3897,
11.8218

■ 23.1733, 14.2904,
15.0170

■ 24.9722, 16.8748,
18.7407

■ 27.2083, 20.2013,
23.0182

■ 29.9101, 24.3222,
27.8729

■ 33.1034, 29.2849,
33.3268

■ 36.8121, 35.1332,
39.4004

■ 41.0585, 41.9077,
46.1135

Harmonies

Analogous

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



19.7871, 10.3536, 19.6867



20.0574, 10.3536, 6.9025



17.0828, 10.3536, 1.7214

Triad

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



20.0574, 10.3536, 6.9025



5.3037, 10.3536, 1.3708



7.6208, 10.3536, 51.1421

Complementary

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



20.0574, 10.3536, 6.9025



19.7061, 34.0094, 22.6750

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.



5.0040, 10.3536, 35.4822



20.0574, 10.3536, 6.9025



3.9528, 10.3536, 5.6810

Square

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



20.0574, 10.3536, 6.9025



8.1647, 10.3536, 0.2399



3.8615, 10.3536, 17.1833



11.7318, 10.3536, 52.4791

Rectangle

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



20.0574, 10.3536, 6.9025



14.0480, 10.3536, 0.6320



3.8615, 10.3536, 17.1833



6.5706, 10.3536, 47.0470

Sweetspot

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



20.0577, 10.3542, 6.9026



57.8952, 49.7752, 56.8453



15.7142, 7.2948, 43.7596



11.9860, 9.9397, 11.3831



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.



20.0577, 10.3542, 6.9026



35.7700, 18.2506, 10.2385



19.3836, 10.7468, 1.3120



8.6194, 8.5545, 9.4943



13.8374, 7.0525, 4.3040



0.4640, 0.2333, 0.2860

Inverse Universe

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



20.0577, 10.3542, 6.9026



35.7700, 18.2506, 10.2385



20.4427, 27.5365, 47.4174



8.6194, 8.5545, 9.4943



13.8374, 7.0525, 4.3040



0.4640, 0.2333, 0.2860

Previews

White Background



This preview shows how the XYZ color 20.0574, 10.3536, 6.9025 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 20.0574, 10.3536, 6.9025

Background



This preview shows how black text looks on a background with the XYZ color 20.0574, 10.3536, 6.9025.



This preview shows how white text looks on a background with the XYZ color 20.0574, 10.3536,

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

20.0574, 10.3536, 6.9025

Protanopia

10.5897, 10.8577, 14.3696

Deuteranopia

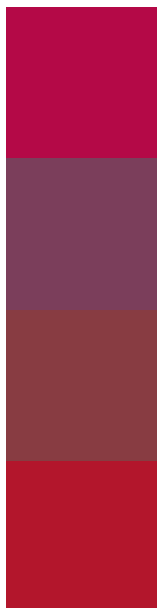
11.0251, 10.8831, 6.2222



Tritanopia

19.2394, 10.5463, 2.1202

Trichromacy



Original Color

20.0574, 10.3536, 6.9025

Protanomaly

11.7793, 8.4115, 10.9003

Deuteranomaly

12.7526, 8.8593, 6.1921

Tritanomaly

19.3319, 10.3394, 3.3597

Monochromacy



Original Color

20.0574, 10.3536, 6.9025

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

8.2047, 5.5595, 6.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0574, 10.3536, 6.9025 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(180, 9, 71)` looks like.

```
.text, #text, p{  
    color:rgb(180, 9, 71)  
}
```

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(180, 9, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 9, 71) }
```

Border

The CSS property to change the border of an element to XYZ 20.0574, 10.3536, 6.9025 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(180, 9, 71) }
```


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

```
.border{ border-color:rgb(180, 9, 71) }
```

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

Here you see how a box with a 4 pixel rgb(180, 9, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 9, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 9, 71);  
box-shadow:4px 4px 4px 4px rgb(180, 9, 71)  
}
```

Background

The CSS property to change the background color of an element to XYZ 20.0574, 10.3536, 6.9025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 9, 71) }
```

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

```
.background{ background-color: rgb(180, 9,  
71) }
```

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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