

Converting Colors

XYZ(20.5508, 10.4928, 5.5513)

Have a look what the booklet for
XYZ(20.5508, 10.4928, 5.5513)
contains.

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Color

**XYZ(20.6367, 10.5381,
5.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	B8003E
RGB	184, 0, 62
RGB Percent	72%, 0%, 24%
CMY	0.2784, 0.9999, 0.7569
CMYK	0.00, 1.00, 0.66, 0.28
HSL	340°, 100%, 36%
HSV	340°, 100%, 72%
XYZ	20.6367, 10.5381, 5.5038
YIQ	62.0840, 89.7620, 58.2900

Conversions

Conversions Part 2

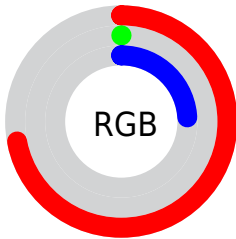
Format	Color
RYB	184, 0, 62
Decimal	12058686
CIELab	38.79, 64.35, 20.52
CIELCh	39, 67.541, 17.686
Yxy	10.5381, 0.5626, 0.2873
Android (android.graphics.Color)	4290248766 (0xFFB8003E)
YUV	62.0840, -0.0414, 106.9203
Hunter-Lab	32.4624, 56.6650, 12.6715

Details

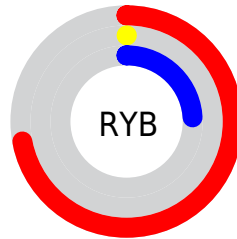
The XYZ color **20.6367, 10.5381, 5.5038** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20.6554, 35.6870, 24.2213**, and the grayscale version is **4.5841, 4.8228, 5.2520**.

A 20% lighter version of the original color is **44.1354, 26.9129, 17.3365**, and **8.3037, 4.2651, 1.0951** is the 20% darker color. If you saturate the color by 10%, you get **20.6361, 10.5379, 5.5011**, and if you desaturate by 10%, it is **21.2333, 11.1341, 7.5443**.

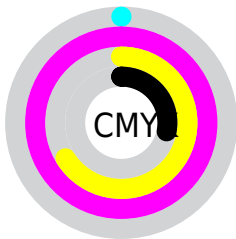
Distribution



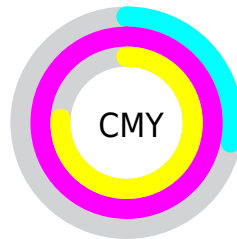
- Red (72%)
- Green (0%)
- Blue (24%)



- Red (72%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (28%)





- Cyan (28%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.6367, 10.5381, 5.5038 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 20.6367, 10.5381, 5.5038 by changing the saturation by 10% instead.


 20.6367, 10.5381,
5.5038


 20.6367, 10.5381,
5.5038


248.1098,
194.4706, 163.7064


 12.9696, 5.7572,
2.4819


 43.9780, 26.8028,
17.3515


 7.4845, 2.6980,
0.8306


 60.3829, 39.0554,
27.0144


 3.8159, 0.9762,
0.0000

 80.4311, 54.5673,
39.7280

 1.5985, 0.0000,
0.0000

 104.4881, 73.7229,
55.9110

 0.3914, 0.0000,
0.0000

 132.9191, 96.9067,
75.9817

 0.0000, 0.0000,
0.0000

 166.0894,

124.5029, 100.3589

204.3646,
156.8961, 129.4609

■ 20.6367, 10.5381,
5.5038

■ 20.6367, 10.5381,
5.5038

■ 20.6361, 10.5379,
5.5011

■ 21.2333, 11.1341,
7.5443

■ 22.1194, 12.1813,
10.0751

■ 23.3775, 13.8378,
13.1447

■ 25.0499, 16.1819,
16.7866

■ 27.1725, 19.2799,
21.0313

■ 29.7775, 23.1902,
25.9065

■ 32.8938, 27.9654,
31.4383

■ 36.5480, 33.6536,
37.6510

■ 40.7648, 40.2995,
44.5678

Harmonies

Analogous

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



20.9761, 10.5381, 17.5638



20.6367, 10.5381, 5.5038



16.9863, 10.5381, 1.2013

Triad

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



20.6367, 10.5381, 5.5038



4.9107, 10.5381, 1.6013



8.2930, 10.5381, 56.2248

Complementary

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



20.6367, 10.5381, 5.5038



20.6554, 35.6870, 24.2213

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.



5.2734, 10.5381, 40.9903



20.6367, 10.5381, 5.5038



3.7478, 10.5381, 6.9852

Square

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



20.6367, 10.5381, 5.5038



7.6257, 10.5381, 0.1771



3.8571, 10.5381, 20.6926



12.8602, 10.5381, 54.5199

Rectangle

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



20.6367, 10.5381, 5.5038



13.6460, 10.5381, 0.3075



3.8571, 10.5381, 20.6926



7.0949, 10.5381, 52.6214

Sweetspot

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



20.6369, 10.5388, 5.5039



59.3132, 50.2069, 56.4416



16.3438, 7.4266, 45.9194



12.2568, 10.0082, 11.2372



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



20.6369, 10.5388, 5.5039



37.3090, 19.0630, 9.4474



20.1737, 11.0032, 1.0614



9.1261, 9.0608, 10.0114



14.2522, 7.2746, 3.9489



0.5320, 0.2683, 0.2951

Inverse Universe

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



20.6369, 10.5388, 5.5039



37.3090, 19.0630, 9.4474



20.6085, 27.3737, 49.5448



9.1261, 9.0608, 10.0114



14.2522, 7.2746, 3.9489



0.5320, 0.2683, 0.2951

Previews

White Background



This preview shows how the XYZ color 20.6367, 10.5381, 5.5038 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

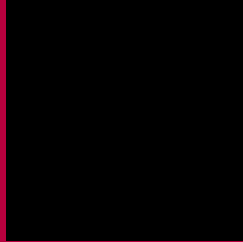
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.6367, 10.5381, 5.5038

Background



This preview shows how black text looks on a background with the XYZ color 20.6367, 10.5381, 5.5038.



This preview shows how white text looks on a background with the XYZ color 20.6367, 10.5381,

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

20.6367, 10.5381, 5.5038

Protanopia

10.7149, 11.2475, 11.5038

Deuteranopia

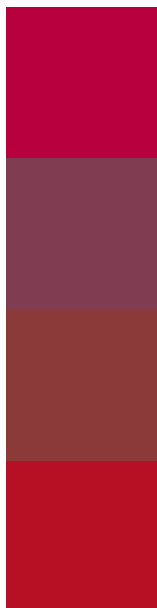
11.3922, 11.2235, 5.0559



Tritanopia

20.0209, 10.8205, 1.7924

Trichromacy



Original Color

20.6367, 10.5381, 5.5038

Protanomaly

11.9659, 8.4001, 8.5801

Deuteranomaly

13.0169, 8.7971, 4.8828

Tritanomaly

20.0477, 10.5714, 2.7341

Monochromacy



Original Color

20.6367, 10.5381, 5.5038

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

7.5389, 4.8630, 5.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6367, 10.5381, 5.5038 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(184, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 62)  
}
```

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(184, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 62) }
```

Border

The CSS property to change the border of an element to XYZ 20.6367, 10.5381, 5.5038 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(184, 0, 62) }
```


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

```
.border{ border-color:rgb(184, 0, 62) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(184, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to XYZ 20.6367, 10.5381, 5.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 62) }
```

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

```
.background{ background-color: rgb(184, 0,  
62) }
```

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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