

Converting Colors

XYZ(18.5291, 10.7345, 5.6541)

Have a look what the booklet for
XYZ(18.5291, 10.7345, 5.6541)
contains.

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Color

**XYZ(18.5280, 10.7335,
5.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2B3E
RGB	171, 43, 62
RGB Percent	67%, 17%, 24%
CMY	0.3294, 0.8313, 0.7569
CMYK	0.00, 0.75, 0.64, 0.33
HSL	351°, 60%, 42%
HSV	351°, 75%, 67%
XYZ	18.5280, 10.7335, 5.6527
YIQ	83.4380, 70.1890, 33.0450

Conversions

Conversions Part 2

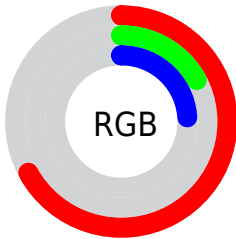
Format	Color
R_{YB}	171, 43, 62
Decimal	11217726
CIE _{Lab}	39.13, 52.29, 20.44
CIE _{LCh}	39, 56.144, 21.348
Yxy	10.7335, 0.5307, 0.3074
Android (android.graphics.Color)	4289407806 (0xFFAB2B3E)
YUV	83.4380, -10.5689, 76.7919
Hunter-Lab	32.7620, 43.6141, 12.7036

Details

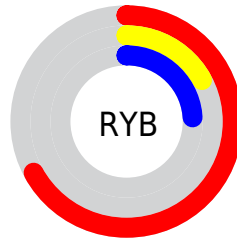
The XYZ color **18.5280, 10.7335, 5.6527** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **21.2277, 31.9068, 34.7492**, and the grayscale version is **8.3230, 8.7564, 9.5358**.

A 20% lighter version of the original color is **40.5009, 27.1836, 17.5803**, and **6.8084, 3.4953, 0.9776** is the 20% darker color. If you saturate the color by 10%, you get **17.6839, 9.6015, 3.6571**, and if you desaturate by 10%, it is **19.7403, 12.4307, 8.2996**.

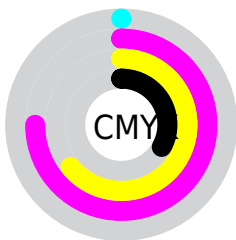
Distribution



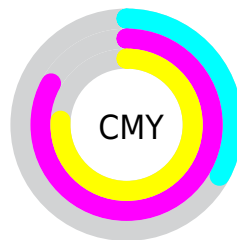
- Red (67%)
- Green (17%)
- Blue (24%)



- Red (67%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (64%)
- Black (33%)





- Cyan (33%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.5280, 10.7335, 5.6527 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 18.5280, 10.7335, 5.6527 by changing the saturation by 10% instead.


 18.5280, 10.7335,
5.6527


 18.5280, 10.7335,
5.6527


236.8190,
195.8300, 165.1272


 11.4317, 5.8879,
2.5697


 40.4581, 27.1663,
17.6707


 6.4274, 2.7771,
0.8768


 56.0225, 39.5223,
27.4428


 3.1498, 1.0165,
0.0000

 75.1404, 55.1506,
40.2818

 1.2335, 0.0000,
0.0000

 98.1771, 74.4356,
56.6060

 0.1325, 0.0000,
0.0000

 125.4980, 97.7616,
76.8342

 0.0000, 0.0000,
0.0000

 157.4683,

125.5131, 101.3847

194.4535,
158.0744, 130.6762

■ 18.5280, 10.7335,
5.6527

■ 18.5280, 10.7335,
5.6527

■ 17.6839, 9.6015,
3.6571

■ 19.7403, 12.4307,
8.2996

■ 17.1629, 8.9582,
2.2542

■ 21.3568, 14.7525,
11.6479

■ 16.9740, 8.7297,
1.7313

■ 23.4101, 17.7525,
15.7437

■ 25.9292, 21.4784,
20.6285

■ 28.9404, 25.9734,
26.3411

■ 32.4682, 31.2773,
32.9175

■ 36.5355, 37.4272,
40.3918

■ 41.1636, 44.4579,
48.7959

■ 46.3730, 52.4022,
58.1604

Harmonies

Analogous

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



19.1510, 10.7335, 15.0874



18.5280, 10.7335, 5.6527



15.4178, 10.7335, 1.8270

Triad

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



18.5280, 10.7335, 5.6527



5.5324, 10.7335, 2.9371



9.1523, 10.7335, 46.4454

Complementary

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



18.5280, 10.7335, 5.6527



21.2277, 31.9068, 34.7492

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.



6.3190, 10.7335, 36.4690



18.5280, 10.7335, 5.6527



4.5927, 10.7335, 8.8402

Square

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



18.5280, 10.7335, 5.6527



7.7893, 10.7335, 1.0638



4.8401, 10.7335, 20.9636



13.0673, 10.7335, 43.5344

Rectangle

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



18.5280, 10.7335, 5.6527



12.6937, 10.7335, 0.9978



4.8401, 10.7335, 20.9636



8.0595, 10.7335, 44.3403

Sweetspot

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



18.5283, 10.7341, 5.6529



53.2974, 48.7165, 49.9266



21.1266, 11.3249, 39.6004



11.5379, 10.3426, 10.4816



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



18.5283, 10.7341, 5.6529



30.9843, 16.3331, 4.7461



20.7046, 15.7800, 4.2410



8.0519, 8.0340, 8.5840



12.8086, 6.5860, 1.3717



0.3709, 0.1890, 0.1147

Inverse Universe

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



18.5283, 10.7341, 5.6529



30.9843, 16.3331, 4.7461



15.8342, 18.4277, 41.2503



8.0519, 8.0340, 8.5840



12.8086, 6.5860, 1.3717



0.3709, 0.1890, 0.1147

Previews

White Background



This preview shows how the XYZ color 18.5280, 10.7335, 5.6527 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 18.5280, 10.7335, 5.6527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

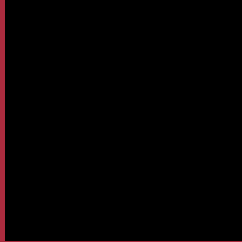
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.5280, 10.7335, 5.6527

Background



This preview shows how black text looks on a background with the XYZ color 18.5280, 10.7335, 5.6527.



This preview shows how white text looks on a background with the XYZ color 18.5280, 10.7335,

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

18.5280, 10.7335, 5.6527

Protanopia

10.4054, 10.9946, 9.7574

Deuteranopia

11.0720, 10.9313, 5.1408



Tritanopia

18.0881, 10.7134, 3.9109

Trichromacy



Original Color

18.5280, 10.7335, 5.6527

Protanomaly

12.0983, 9.8252, 7.9154

Deuteranomaly

12.9126, 10.0086, 5.2543

Tritanomaly

18.1586, 10.6799, 4.4725

Monochromacy



Original Color

18.5280, 10.7335, 5.6527

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

10.4074, 8.2871, 7.7076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5280, 10.7335, 5.6527 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(171, 43, 62)` looks like.

```
.text, #text, p{  
    color:rgb(171, 43, 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(171, 43, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 43, 62) }
```

Border

The CSS property to change the border of an element to XYZ 18.5280, 10.7335, 5.6527 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(171, 43, 62) }
```


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

```
.border{ border-color:rgb(171, 43, 62) }
```

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

Here you see how a box with a 4 pixel rgb(171, 43, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 43, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 43, 62);  
box-shadow:4px 4px 4px 4px rgb(171, 43,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5280, 10.7335, 5.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 43, 62) }
```

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

```
.background{ background-color: rgb(171, 43,  
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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