

Converting Colors

XYZ(22.5323, 16.9679, 10.3307)

Have a look what the booklet for
XYZ(22.5323, 16.9679, 10.3307)
contains.

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Color

**XYZ(22.5360, 16.9909,
10.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5B53
RGB	173, 91, 83
RGB Percent	68%, 36%, 33%
CMY	0.3216, 0.6431, 0.6745
CMYK	0.00, 0.47, 0.52, 0.32
HSL	5°, 35%, 50%
HSV	5°, 52%, 68%
XYZ	22.5360, 16.9909, 10.2754
YIQ	114.6060, 51.4400, 14.8960

Conversions

Conversions Part 2

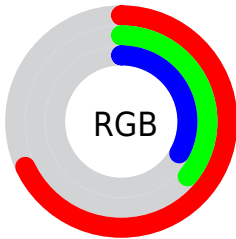
Format	Color
RYB	173, 92, 83
Decimal	11361107
CIELab	48.25, 32.53, 19.72
CIElCh	48, 38.043, 31.217
Yxy	16.9909, 0.4525, 0.3412
Android (android.graphics.Color)	4289551187 (0xFFAD5B53)
YUV	114.6060, -15.5818, 51.2115
Hunter-Lab	41.2200, 25.4553, 14.0741

Details

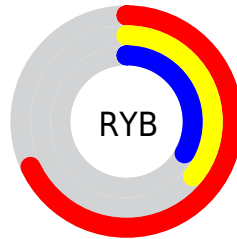
The XYZ color **22.5360, 16.9909, 10.2754** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.5645, 31.7649, 44.3716**, and the grayscale version is **16.2116, 17.0559, 18.5739**.

A 20% lighter version of the original color is **47.3348, 38.4942, 27.1256**, and **8.5139, 5.5778, 2.4616** is the 20% darker color. If you saturate the color by 10%, you get **20.7407, 14.3393, 6.7827**, and if you desaturate by 10%, it is **24.7818, 20.2769, 14.7407**.

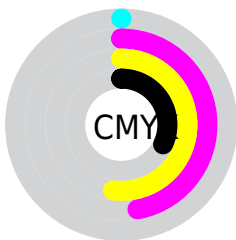
Distribution



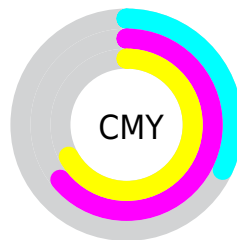
- Red (68%)
- Green (36%)
- Blue (33%)



- Red (68%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (52%)
- Black (32%)





- Cyan (32%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5360, 16.9909, 10.2754 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 22.5360, 16.9909, 10.2754 by changing the saturation by 10% instead.


 22.5360, 16.9909,
10.2754


 22.5360, 16.9909,
10.2754


257.9128,
235.1199, 203.1822


 14.3701, 10.2280,
5.4740


 47.1026, 38.3101,
26.9281


 8.4619, 5.5504,
2.4644


 64.2340, 53.6353,
39.6164


 4.4462, 2.5737,
0.8212

 85.0846, 72.5832,
55.7708

 1.9575, 0.9134,
0.0000

 110.0197, 95.5385,
75.8098

 0.6099, 0.0000,
0.0000

 139.4047,
122.8854, 100.1518

 0.0000, 0.0000,
0.0000

173.6050,

155.0083, 129.2156

212.9859,
192.2917, 163.4195

■ 22.5360, 16.9909,
10.2754

■ 22.5360, 16.9909,
10.2754

■ 20.7407, 14.3393,
6.7827

■ 24.7818, 20.2769,
14.7407

■ 19.3642, 12.2787,
4.1893

■ 27.5044, 24.2318,
20.2430

■ 18.3725, 10.7643,
2.4127

■ 30.7298, 28.8907,
26.8419

■ 17.7258, 9.7440,
1.3549

■ 34.4814, 34.2857,
34.5925

■ 17.4099, 9.2369,
0.8653

■ 38.7816, 40.4466,
43.5460

■ 43.6510, 47.4018,
53.7507

■ 49.1095, 55.1782,
65.2522

■ 55.1758, 63.8013,
78.0936

■ 61.8679, 73.2957,
92.3164

Harmonies

Analogous

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



23.7590, 16.9909, 18.0982



22.5360, 16.9909, 10.2754



19.5705, 16.9909, 6.3184

Triad

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



22.5360, 16.9909, 10.2754



10.9903, 16.9909, 10.7566



16.2911, 16.9909, 44.8486

Complementary

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



22.5360, 16.9909, 10.2754



24.5645, 31.7649, 44.3716

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.



13.1521, 16.9909, 40.7390



22.5360, 16.9909, 10.2754



10.3674, 16.9909, 18.9081

Square

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



22.5360, 16.9909, 10.2754



12.9397, 16.9909, 6.5183



11.1001, 16.9909, 30.2418



19.8502, 16.9909, 40.0574

Rectangle

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



22.5360, 16.9909, 10.2754



17.1870, 16.9909, 5.3331



11.1001, 16.9909, 30.2418



15.1543, 16.9909, 44.4542

Sweetspot

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



22.5364, 16.9918, 10.2757



58.7767, 57.1265, 55.7864



27.1640, 17.8057, 37.8415



12.4857, 12.0009, 11.5292



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.



22.5364, 16.9918, 10.2757



36.8497, 25.2407, 11.5808



27.5288, 26.9766, 11.9399



8.0604, 8.1256, 8.3569



12.8095, 6.8245, 0.6421



0.3744, 0.2259, 0.0239

Inverse Universe

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



24.5645, 31.7649, 44.3716



40.8300, 54.4478, 79.1633



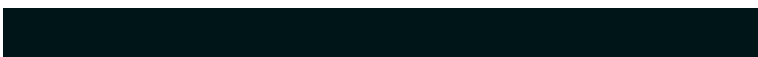
17.8870, 18.4098, 42.1458



8.1745, 8.9484, 10.2491



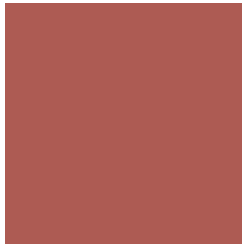
14.4969, 20.1276, 32.1655



0.4206, 0.5947, 0.9006

Previews

White Background



This preview shows how the XYZ color 22.5360, 16.9909, 10.2754 looks on a white background.

Color Contrast Check

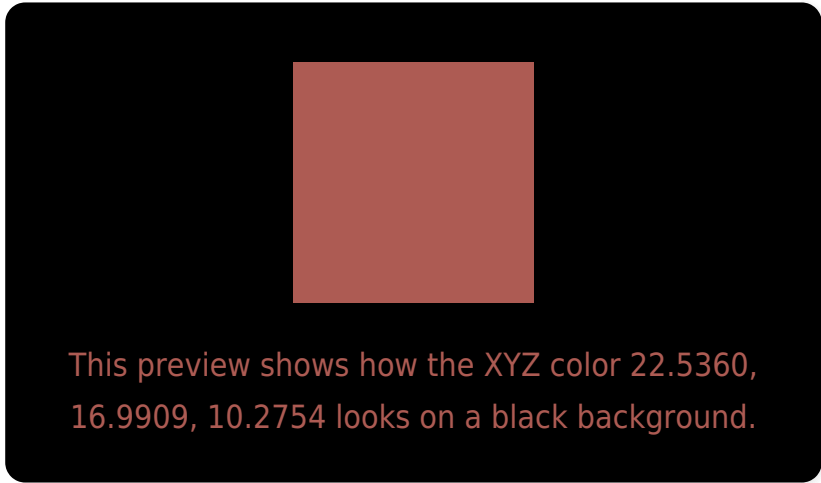
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5360, 16.9909, 10.2754

Background



This preview shows how black text looks on a background with the XYZ color 22.5360, 16.9909, 10.2754.



This preview shows how white text looks on a background with the XYZ color 22.5360, 16.9909,

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

22.5360, 16.9909, 10.2754

Protanopia

16.1772, 17.2072, 13.0584

Deuteranopia

17.3404, 17.0494, 9.9663



Tritanopia

23.1393, 16.9880, 13.1258

Trichromacy



Original Color

22.5360, 16.9909, 10.2754

Protanomaly

17.9840, 16.7090, 11.9502

Deuteranomaly

18.9131, 16.7786, 10.0263

Tritanomaly

23.0001, 17.0663, 11.9794

Monochromacy



Original Color

22.5360, 16.9909, 10.2754

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.7556, 16.5216, 15.0851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5360, 16.9909, 10.2754 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(173, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(173, 91, 83)  
}
```

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(173, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 91, 83) }
```

Border

The CSS property to change the border of an element to XYZ 22.5360, 16.9909, 10.2754 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(173, 91, 83) }
```


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

```
.border{ border-color:rgb(173, 91, 83) }
```

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

Here you see how a box with a 4 pixel rgb(173, 91, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(173, 91,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5360, 16.9909, 10.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 91, 83) }
```

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

```
.background{ background-color: rgb(173, 91,  
83) }
```

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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