

Converting Colors

XYZ(22.5308, 15.3532, 9.4677)

Have a look what the booklet for
XYZ(22.5308, 15.3532, 9.4677)
contains.

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Color

**XYZ(22.4992, 15.3668,
9.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	B24D51
RGB	178, 77, 81
RGB Percent	70%, 30%, 32%
CMY	0.3020, 0.6980, 0.6824
CMYK	0.00, 0.57, 0.54, 0.30
HSL	358°, 40%, 50%
HSV	358°, 57%, 70%
XYZ	22.4992, 15.3668, 9.5648
YIQ	107.6550, 58.9120, 22.6560

Conversions

Conversions Part 2

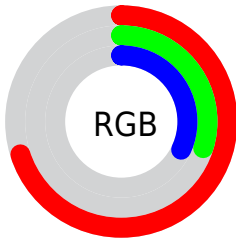
Format	Color
RYB	178, 77, 81
Decimal	11685201
CIELab	46.13, 41.49, 18.22
CIELCh	46, 45.311, 23.708
Yxy	15.3668, 0.4744, 0.3240
Android (android.graphics.Color)	4289875281 (0xFFB24D51)
YUV	107.6550, -13.1409, 61.6926
Hunter-Lab	39.2005, 33.8495, 12.9738

Details

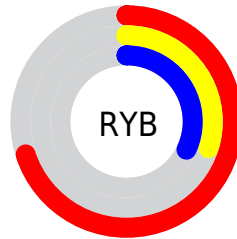
The XYZ color **22.4992, 15.3668, 9.5648** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.6219, 36.4750, 45.6843**, and the grayscale version is **14.1819, 14.9204, 16.2484**.

A 20% lighter version of the original color is **47.1394, 35.4894, 25.4847**, and **8.4063, 4.7799, 2.2298** is the 20% darker color. If you saturate the color by 10%, you get **20.8573, 12.9832, 6.2430**, and if you desaturate by 10%, it is **24.6440, 18.4981, 13.8508**.

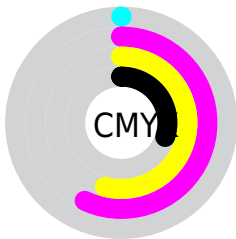
Distribution



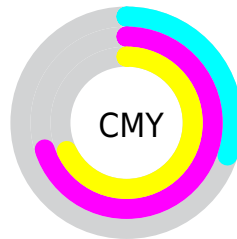
- Red (70%)
- Green (30%)
- Blue (32%)



- Red (70%)
- Yellow (30%)
- Blue (32%)



- Cyan (0%)
- Magenta (57%)
- Yellow (54%)
- Black (30%)





- Cyan (30%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4992, 15.3668, 9.5648 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 22.4992, 15.3668, 9.5648 by changing the saturation by 10% instead.


 22.4992, 15.3668,
9.5648


 22.4992, 15.3668,
9.5648


257.7259,
225.5758, 197.9077


 14.3428, 9.0772,
5.0096


 47.0424, 35.4954,
25.5685


 8.4428, 4.7916,
2.1940


 64.1600, 50.1032,
37.8541


 4.4337, 2.1255,
0.6709

 84.9953, 68.2525,
53.5536

 1.9503, 0.6789,
0.0000

 109.9138, 90.3277,
73.0854

 0.6058, 0.0000,
0.0000

 139.2807,
116.7133, 96.8682

 0.0000, 0.0000,
0.0000

173.4614,

147.7935, 125.3205

212.8214,
183.9529, 158.8609

■ 22.4992, 15.3668,
9.5648

■ 22.4992, 15.3668,
9.5648

■ 20.8573, 12.9832,
6.2430

■ 24.6440, 18.4981,
13.8508

■ 19.6764, 11.2828,
3.8099

■ 27.3269, 22.4297,
19.1668

■ 18.9093, 10.1944,
2.1802

■ 30.5814, 27.2123,
25.5741

■ 18.4933, 9.6191,
1.2499

■ 34.4378, 32.8916,
33.1285

■ 18.3986, 9.4804,
1.0624

■ 38.9244, 39.5103,
41.8825

■ 44.0676, 47.1083,
51.8850

■ 49.8923, 55.7229,
63.1823

■ 56.4221, 65.3898,
75.8184

■ 63.6796, 76.1429,
89.8351

Harmonies

Analogous

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



23.2830, 15.3668, 19.1683



22.4992, 15.3668, 9.5648



19.4478, 15.3668, 4.7903

Triad

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



22.4992, 15.3668, 9.5648



9.4082, 15.3668, 7.0486



13.8082, 15.3668, 47.9510

Complementary

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



22.4992, 15.3668, 9.5648



26.6219, 36.4750, 45.6843

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.



10.6424, 15.3668, 40.3414



22.4992, 15.3668, 9.5648



8.4067, 15.3668, 14.5111

Square

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



22.4992, 15.3668, 9.5648



11.8232, 15.3668, 3.8489



8.8151, 15.3668, 26.8024



17.7937, 15.3668, 44.6717

Rectangle

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



22.4992, 15.3668, 9.5648



16.7857, 15.3668, 3.5070



8.8151, 15.3668, 26.8024



12.6231, 15.3668, 46.5037

Sweetspot

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



22.4996, 15.3676, 9.5651



62.0327, 59.0305, 59.2588



27.9127, 17.4015, 44.0071



13.4200, 12.6017, 12.4963



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.



22.4996, 15.3676, 9.5651



37.2273, 22.6826, 10.1022



26.7151, 24.0315, 10.2528



8.5095, 8.5105, 8.9156



13.1700, 6.7856, 0.7894



0.4189, 0.2153, 0.0484

Inverse Universe

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



22.4996, 15.3676, 9.5651



37.2273, 22.6826, 10.1022



19.4233, 21.4452, 45.2350



8.5095, 8.5105, 8.9156



13.1700, 6.7856, 0.7894



0.4189, 0.2153, 0.0484

Previews

White Background



This preview shows how the XYZ color 22.4992, 15.3668, 9.5648 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 22.4992, 15.3668, 9.5648 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 22.4992, 15.3668, 9.5648

Background



This preview shows how black text looks on a background with the XYZ color 22.4992, 15.3668, 9.5648.



This preview shows how white text looks on a background with the XYZ color 22.4992, 15.3668,

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

22.4992, 15.3668, 9.5648

Protanopia

14.7575, 15.6412, 13.3076

Deuteranopia

15.7162, 15.4502, 8.9913



Tritanopia

22.5370, 15.3819, 9.7638

Trichromacy



Original Color

22.4992, 15.3668, 9.5648

Protanomaly

16.7372, 14.8940, 11.8902

Deuteranomaly

17.6801, 15.0304, 9.1770

Tritanomaly

22.5370, 15.3819, 9.7638

Monochromacy



Original Color

22.4992, 15.3668, 9.5648

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.1522, 14.4178, 13.4869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4992, 15.3668, 9.5648 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(178, 77, 81)` looks like.

```
.text, #text, p{  
  color:rgb(178, 77, 81)  
}
```

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(178, 77, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 77, 81) }
```

Border

The CSS property to change the border of an element to XYZ 22.4992, 15.3668, 9.5648 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(178, 77, 81) }
```


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

```
.border{ border-color:rgb(178, 77, 81) }
```

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

Here you see how a box with a 4 pixel rgb(178, 77, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 77, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 77, 81);  
box-shadow:4px 4px 4px 4px rgb(178, 77,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4992, 15.3668, 9.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 77, 81) }
```

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

```
.background{ background-color: rgb(178, 77,  
81) }
```

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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