

Converting Colors

XYZ(21.1366, 15.3041, 18.0628)

Have a look what the booklet for
XYZ(21.1366, 15.3041, 18.0628)
contains.

XYZ(21.2433, 15.4162, 18.0756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.2433, 15.4162,
18.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	A25573
RGB	162, 85, 115
RGB Percent	64%, 33%, 45%
CMY	0.3647, 0.6666, 0.5490
CMYK	0.00, 0.48, 0.29, 0.36
HSL	337°, 31%, 48%
HSV	337°, 48%, 64%
XYZ	21.2433, 15.4162, 18.0756
YIQ	111.4430, 36.2620, 25.6540

Conversions

Conversions Part 2

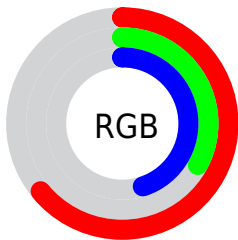
Format	Color
R_{YB}	162, 85, 115
Decimal	10638707
CIE _{Lab}	46.20, 35.33, -2.68
CIE _{LCh}	46, 35.436, 355.663
Yxy	15.4162, 0.3881, 0.2817
Android (android.graphics.Color)	4288828787 (0xFFA25573)
YUV	111.4430, 1.7536, 44.3385
Hunter-Lab	39.2635, 27.8654, 0.1893

Details

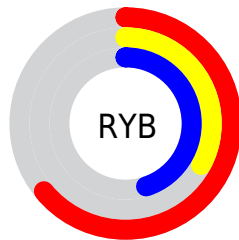
The XYZ color **21.2433, 15.4162, 18.0756** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.8323, 29.4383, 26.4156**, and the grayscale version is **15.2263, 16.0193, 17.4450**.

A 20% lighter version of the original color is **45.1341, 35.7414, 41.0792**, and **7.7985, 4.7955, 5.8248** is the 20% darker color. If you saturate the color by 10%, you get **19.5720, 12.9359, 14.8600**, and if you desaturate by 10%, it is **23.2685, 18.5064, 21.7107**.

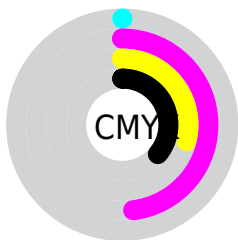
Distribution



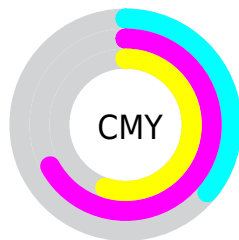
- Red (64%)
- Green (33%)
- Blue (45%)



- Red (64%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2433, 15.4162, 18.0756 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 21.2433, 15.4162, 18.0756 by changing the saturation by 10% instead.

■ 21.2433, 15.4162,
18.0756

■ 21.2433, 15.4162,
18.0756

251.2760,
225.8717, 253.5472

■ 13.4154, 9.1120,
10.8343

■ 44.9803, 35.5817,
40.9818

■ 7.7942, 4.8143,
5.8427

■ 61.6202, 50.2118,
57.4837

■ 4.0142, 2.1387,
2.6825

■ 81.9281, 68.3859,
77.9096

■ 1.7102, 0.6863,
0.9346

■ 106.2695, 90.4885,
102.6780

■ 0.4626, 0.0000,
0.0000

■ 135.0096,
116.9040, 132.2074

■ 0.0000, 0.0000,
0.0000

168.5138,

148.0168, 166.9164

207.1475,
184.2112, 207.2235

■ 21.2433, 15.4162,
18.0756

■ 21.2433, 15.4162,
18.0756

■ 19.5720, 12.9359,
14.8600

■ 23.2685, 18.5064,
21.7107

■ 18.2312, 11.0220,
12.0462

■ 25.6664, 22.2415,
25.7801

■ 17.1965, 9.6290,
9.6163

■ 28.4561, 26.6566,
30.2991

■ 16.4394, 8.7031,
7.5502

■ 31.6547, 31.7835,
35.2816

■ 15.9141, 8.1565,
5.8215

■ 35.2785, 37.6520,
40.7411

■ 15.8007, 8.0415,
5.4384

■ 39.3428, 44.2903,
46.6904

■ 43.8621, 51.7249,
53.1418

■ 48.8504, 59.9813,
60.1073

■ 54.3207, 69.0837,
67.5983

Harmonies

Analogous

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



19.9930, 15.4162, 28.0295



21.2433, 15.4162, 18.0756



20.5384, 15.4162, 10.5613

Triad

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



21.2433, 15.4162, 18.0756



12.2776, 15.4162, 5.8108



11.6136, 15.4162, 34.6159

Complementary

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



21.2433, 15.4162, 18.0756



20.8323, 29.4383, 26.4156

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.



10.0148, 15.4162, 25.0725



21.2433, 15.4162, 18.0756



10.3595, 15.4162, 9.0405

Square

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



21.2433, 15.4162, 18.0756



15.0964, 15.4162, 5.0599



9.5891, 15.4162, 15.5585



14.2177, 15.4162, 39.4454

Rectangle

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



21.2433, 15.4162, 18.0756



19.0999, 15.4162, 7.4753



9.5891, 15.4162, 15.5585



10.9556, 15.4162, 31.7217

Sweetspot

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



21.2437, 15.4170, 18.0759



53.4710, 51.2842, 57.8624



19.1619, 13.9478, 35.8648



11.7496, 11.1032, 12.5868



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.2437, 15.4170, 18.0759



35.3805, 23.2641, 26.6736



20.4286, 16.1142, 10.6290



7.1827, 7.1295, 7.9484



12.4680, 6.3433, 4.3893



0.2848, 0.1424, 0.2122

Inverse Universe

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



21.2437, 15.4170, 18.0759



35.3805, 23.2641, 26.6736



21.8736, 27.7507, 38.3861



7.1827, 7.1295, 7.9484



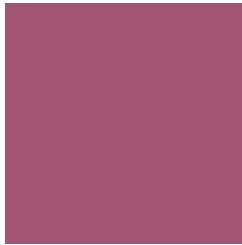
12.4680, 6.3433, 4.3893



0.2848, 0.1424, 0.2122

Previews

White Background



This preview shows how the XYZ color 21.2433, 15.4162, 18.0756 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 21.2433, 15.4162, 18.0756 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 21.2433, 15.4162, 18.0756

Background



This preview shows how black text looks on a background with the XYZ color 21.2433, 15.4162, 18.0756.



This preview shows how white text looks on a background with the XYZ color 21.2433, 15.4162,

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

21.2433, 15.4162, 18.0756

Protanopia

15.4418, 15.6132, 23.3189

Deuteranopia

15.8727, 15.6562, 17.2243



Tritanopia

20.1351, 15.4446, 12.7463

Trichromacy



Original Color

21.2433, 15.4162, 18.0756

Protanomaly

16.8630, 15.0306, 21.4145

Deuteranomaly

17.3781, 15.2444, 17.3558

Tritanomaly

20.5859, 15.5158, 14.4802

Monochromacy



Original Color

21.2433, 15.4162, 18.0756

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8819, 15.4184, 17.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2433, 15.4162, 18.0756 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(162, 85, 115)` looks like.

```
.text, #text, p{  
    color:rgb(162, 85, 115)  
}
```

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(162, 85, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 85, 115) }
```

Border

The CSS property to change the border of an element to XYZ 21.2433, 15.4162, 18.0756 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(162, 85, 115) }
```


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

```
.border{ border-color:rgb(162, 85, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 85, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 85, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 85, 115);  
box-shadow:4px 4px 4px 4px rgb(162, 85,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2433, 15.4162, 18.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 85, 115) }
```

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

```
.background{ background-color: rgb(162, 85,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor