

Converting Colors

XYZ(22.0087, 15.0216, 43.3344)

Have a look what the booklet for
XYZ(22.0087, 15.0216, 43.3344)
contains.

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Color

**XYZ(22.0136, 15.0236,
43.3346)**

Conversions

Conversions Part 1

Format	Color
Hex	8D53B1
RGB	141, 83, 177
RGB Percent	55%, 33%, 69%
CMY	0.4471, 0.6745, 0.3059
CMYK	0.20, 0.53, 0.00, 0.31
HSL	277°, 38%, 51%
HSV	277°, 53%, 69%
XYZ	22.0136, 15.0236, 43.3346
YIQ	111.0580, 4.3940, 41.5300

Conversions

Conversions Part 2

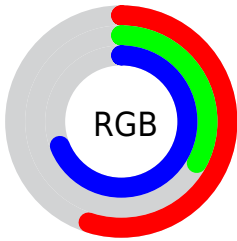
Format	Color
R_{YB}	141, 83, 177
Decimal	9262001
CIE _{Lab}	45.67, 41.25, -40.79
CIE _{LCh}	46, 58.017, 315.322
Yxy	15.0236, 0.2739, 0.1869
Android (android.graphics.Color)	4287452081 (0xFF8D53B1)
YUV	111.0580, 32.5094, 26.2591
Hunter-Lab	38.7603, 33.5472, -39.1549

Details

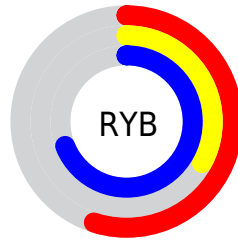
The XYZ color **22.0136, 15.0236, 43.3346** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **24.8917, 35.9911, 13.8193**, and the grayscale version is **15.0346, 15.8176, 17.2254**.

A 20% lighter version of the original color is **46.2590, 34.8037, 81.3705**, and **8.2346, 4.6740, 19.5369** is the 20% darker color. If you saturate the color by 10%, you get **19.7107, 12.0765, 42.8874**, and if you desaturate by 10%, it is **24.7339, 18.6996, 43.9010**.

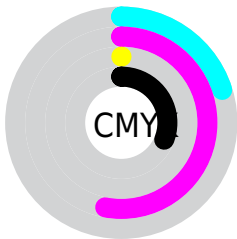
Distribution



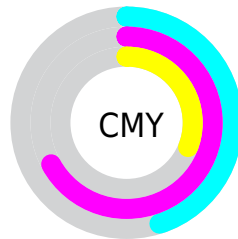
- Red (55%)
- Green (33%)
- Blue (69%)



- Red (55%)
- Yellow (33%)
- Blue (69%)



- Cyan (20%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0136, 15.0236, 43.3346 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 22.0136, 15.0236, 43.3346 by changing the saturation by 10% instead.

■ 22.0136, 15.0236,
43.3346

■ 22.0136, 15.0236,
43.3346

255.2483,
223.5090, 375.9476

■ 13.9836, 8.8360,
29.8144

■ 46.2472, 34.8946,
81.5073

■ 8.1909, 4.6343,
19.4469

■ 63.1814, 49.3467,
106.9969

■ 4.2701, 2.0344,
11.8136

■ 83.8144, 67.3224,
137.3133

■ 1.8561, 0.6273,
6.4959

■ 108.5115, 89.2061,
172.8752

■ 0.5511, 0.0000,
3.0752

■ 137.6381,
115.3823, 214.1010

■ 0.0000, 0.0000,
1.1332

171.5595,

■ 0.0000, 0.0000,

146.2352, 261.4093

0.0000

210.6411,
182.1493, 315.2187

■ 22.0136, 15.0236,
43.3346

■ 22.0136, 15.0236,
43.3346

■ 19.7107, 12.0765,
42.8874

■ 24.7339, 18.6996,
43.9010

■ 17.7954, 9.8022,
42.5493

■ 27.8950, 23.1514,
44.5937

■ 16.2361, 8.1388,
42.3105

■ 31.5207, 28.4239,
45.4203

■ 14.9946, 7.0121,
42.1584

■ 35.6323, 34.5583,
46.3876

■ 14.2689, 6.4391,
42.0861

■ 40.2497, 41.5925,
47.5020

■ 45.3917, 49.5625,
48.7694

■ 51.0760, 58.5021,
50.1953

■ 57.3194, 68.4435,
51.7851

■ 64.1382, 79.4173,
53.5439

Harmonies

Analogous

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



16.8956, 15.0236, 58.1615



22.0136, 15.0236, 43.3346



25.3690, 15.0236, 24.1247

Triad

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



22.0136, 15.0236, 43.3346



16.7821, 15.0236, 1.7216



7.0267, 15.0236, 24.5038

Complementary

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



22.0136, 15.0236, 43.3346



24.8917, 35.9911, 13.8193

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.



7.0097, 15.0236, 10.4679



22.0136, 15.0236, 43.3346



11.9484, 15.0236, 1.7390

Square

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



22.0136, 15.0236, 43.3346



21.9145, 15.0236, 3.7493



8.6092, 15.0236, 3.8297



8.6624, 15.0236, 43.7439

Rectangle

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



22.0136, 15.0236, 43.3346



25.7594, 15.0236, 13.9978



8.6092, 15.0236, 3.8297



6.8462, 15.0236, 18.9700

Sweetspot

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



22.0142, 15.0242, 43.3349



61.3871, 58.2412, 82.5015



18.1044, 18.2156, 44.1570



12.9814, 12.1403, 17.8034



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.0142, 15.0242, 43.3349



34.5657, 20.7263, 76.6741



28.1111, 18.2886, 38.1412



8.5285, 8.4810, 10.6938



10.4075, 4.7011, 30.4958



0.3901, 0.1802, 0.9625

Inverse Universe

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



24.5549, 16.8661, 19.4145



40.1879, 24.7292, 27.0318



21.3088, 34.0912, 16.0396



8.6266, 8.5573, 9.5319



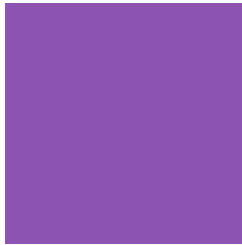
13.9158, 7.0839, 4.7167



0.4668, 0.2345, 0.3011

Previews

White Background



This preview shows how the XYZ color 22.0136, 15.0236, 43.3346 looks on a white background.

Color Contrast Check

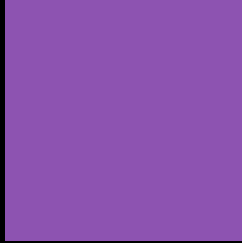
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0136, 15.0236, 43.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

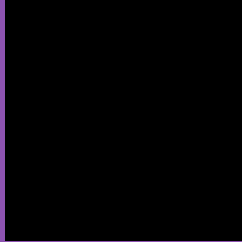
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.0136, 15.0236, 43.3346

Background



This preview shows how black text looks on a background with the XYZ color 22.0136, 15.0236, 43.3346.



This preview shows how white text looks on a background with the XYZ color 22.0136, 15.0236,

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

22.0136, 15.0236, 43.3346

Protanopia

17.2312, 15.2045, 55.4527

Deuteranopia

15.6627, 15.3323, 41.1636



Tritanopia

16.4699, 14.9429, 16.2036

Trichromacy



Original Color

22.0136, 15.0236, 43.3346

Protanomaly

17.8833, 14.4912, 50.5697

Deuteranomaly

17.2342, 14.7670, 41.9864

Tritanomaly

18.0679, 14.7672, 24.0884

Monochromacy



Original Color

22.0136, 15.0236, 43.3346

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.0529, 15.1942, 24.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0136, 15.0236, 43.3346 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(141, 83, 177)` looks like.

```
.text, #text, p{  
    color:rgb(141, 83, 177)  
}
```

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(141, 83, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 83, 177) }
```

Border

The CSS property to change the border of an element to XYZ 22.0136, 15.0236, 43.3346 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(141, 83, 177) }
```


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

```
.border{ border-color:rgb(141, 83, 177) }
```

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

Here you see how a box with a 4 pixel rgb(141, 83, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 83, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 83, 177);  
box-shadow:4px 4px 4px 4px rgb(141, 83,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0136, 15.0236, 43.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 83, 177) }
```

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

```
.background{ background-color: rgb(141, 83,  
177) }
```

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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