

Converting Colors

XYZ(16.5234, 8.2991, 10.6684)

Have a look what the booklet for
XYZ(16.5234, 8.2991, 10.6684)
contains.

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Color

**XYZ(16.5863, 8.3324,
10.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	A1005B
RGB	161, 0, 91
RGB Percent	63%, 0%, 36%
CMY	0.3686, 0.9999, 0.6431
CMYK	0.00, 1.00, 0.43, 0.37
HSL	326°, 100%, 32%
HSV	326°, 100%, 63%
XYZ	16.5863, 8.3324, 10.6316
YIQ	58.5130, 66.7450, 62.4330

Conversions

Conversions Part 2

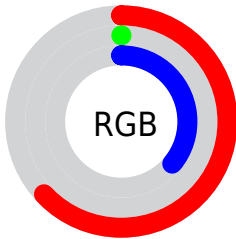
Format	Color
R_YB	161, 0, 91
Decimal	10551387
CIE Lab	34.67, 61.02, -4.74
CIE LCh	35, 61.206, 355.557
Yxy	8.3324, 0.4666, 0.2344
Android (android.graphics.Color)	4288741467 (0xFFA1005B)
YUV	58.5130, 16.0161, 89.8811
Hunter-Lab	28.8659, 52.0505, -1.6310

Details

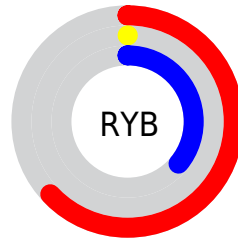
The XYZ color **16.5863, 8.3324, 10.6316** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.8513, 25.9324, 10.0734**, and the grayscale version is **4.0651, 4.2768, 4.6574**.

A 20% lighter version of the original color is **37.0473, 22.5875, 27.6065**, and **6.0867, 3.0808, 2.8586** is the 20% darker color. If you saturate the color by 10%, you get **16.5859, 8.3322, 10.6295**, and if you desaturate by 10%, it is **17.0897, 8.8331, 12.3597**.

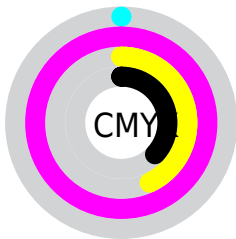
Distribution



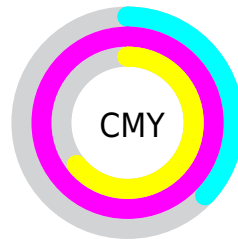
- Red (63%)
- Green (0%)
- Blue (36%)



- Red (63%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5863, 8.3324, 10.6316 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 16.5863, 8.3324, 10.6316 by changing the saturation by 10% instead.

■ 16.5863, 8.3324,
10.6316

■ 16.5863, 8.3324,
10.6316

225.9800,
178.3164, 205.7682

■ 10.0334, 4.3084,
5.7087

■ 37.1624, 22.6075,
27.6031

■ 5.4836, 1.8475,
2.6028

■ 51.9163, 33.6275,
40.4886

■ 2.5713, 0.5165,
0.8939

■ 70.1347, 47.7481,
56.8655

■ 0.9314, 0.0000,
0.0000

■ 92.1828, 65.3539,
77.1522

■ 0.0000, 0.0000,
0.0000

■ 118.4260, 86.8292,
101.7673

■ 149.2297,

112.5585, 131.1293

184.9592,
142.9261, 165.6568

16.5863, 8.3324,
10.6316

16.5863, 8.3324,
10.6316

16.5859, 8.3322,
10.6295

17.0897, 8.8331,
12.3597

17.7704, 9.6421,
14.2896

18.6929, 10.8873,
16.4463

19.8853, 12.6236,
18.8425

21.3712, 14.8976,
21.4894

■ 23.1718, 17.7504,
24.3973

■ 25.3062, 21.2190,
27.5754

■ 27.7919, 25.3375,
31.0328

■ 30.6449, 30.1374,
34.7776

Harmonies

Analogous

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



14.7782, 8.3324, 24.6975



16.5863, 8.3324, 10.6316



15.5739, 8.3324, 3.0817

Triad

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



16.5863, 8.3324, 10.6316



5.3804, 8.3324, 0.3182



4.7190, 8.3324, 35.6375

Complementary

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



16.5863, 8.3324, 10.6316



13.8513, 25.9324, 10.0734

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.



3.3033, 8.3324, 20.0370



16.5863, 8.3324, 10.6316



3.5997, 8.3324, 1.9963

Square

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



16.5863, 8.3324, 10.6316



8.4468, 8.3324, 0.0000



2.9631, 8.3324, 7.6739



7.4150, 8.3324, 44.4599

Rectangle

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



16.5863, 8.3324, 10.6316



13.5570, 8.3324, 1.1325



2.9631, 8.3324, 7.6739



4.1123, 8.3324, 30.6342

Sweetspot

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



16.5865, 8.3329, 10.6317



45.0840, 37.6120, 49.0434



8.9431, 3.8676, 33.9934



9.5440, 7.6876, 10.2532



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.5865, 8.3329, 10.6317



29.6032, 14.8821, 18.5062



14.7572, 7.6011, 0.9986



7.2335, 7.1499, 8.2163



13.2674, 6.6630, 8.5986



0.3019, 0.1493, 0.3026

Inverse Universe

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



16.5865, 8.3329, 10.6317



29.6032, 14.8821, 18.5062



18.2718, 27.7006, 33.3513



7.2335, 7.1499, 8.2163



13.2674, 6.6630, 8.5986



0.3019, 0.1493, 0.3026

Previews

White Background



This preview shows how the XYZ color 16.5863, 8.3324, 10.6316 looks on a white background.

Color Contrast Check

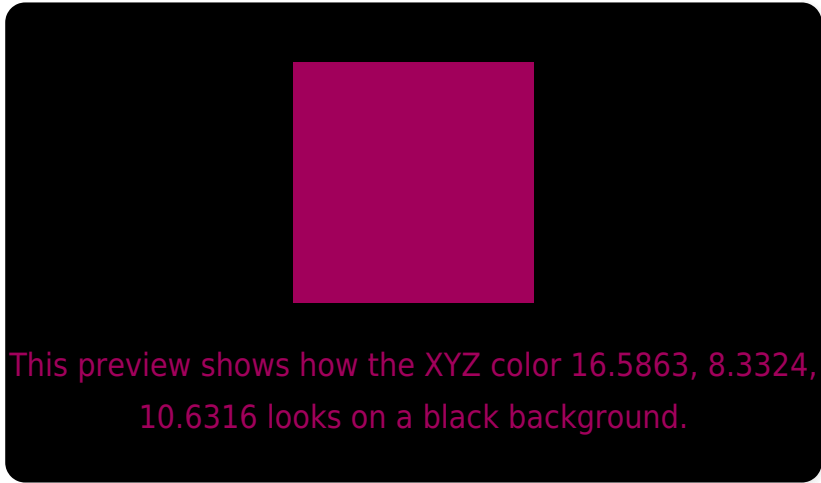
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

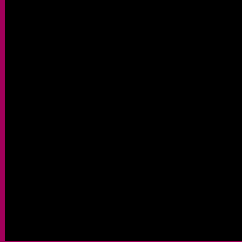
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5863, 8.3324, 10.6316

Background



This preview shows how black text looks on a background with the XYZ color 16.5863, 8.3324, 10.6316.



This preview shows how white text looks on a background with the XYZ color 16.5863, 8.3324,

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

16.5863, 8.3324, 10.6316

Protanopia

9.5047, 9.0185, 22.7125

Deuteranopia

9.1317, 9.0018, 9.6437



Tritanopia

15.0654, 8.6644, 2.6286

Trichromacy



Original Color

16.5863, 8.3324, 10.6316

Protanomaly

9.7923, 6.5739, 17.2758

Deuteranomaly

10.4195, 6.9957, 9.8180

Tritanomaly

15.3430, 8.2791, 4.6603

Monochromacy



Original Color

16.5863, 8.3324, 10.6316

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.6543, 4.3280, 6.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5863, 8.3324, 10.6316 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(161, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 91)  
}
```

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(161, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 91) }
```

Border

The CSS property to change the border of an element to XYZ 16.5863, 8.3324, 10.6316 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(161, 0, 91) }
```


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

```
.border{ border-color:rgb(161, 0, 91) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.5863, 8.3324, 10.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 91) }
```

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

```
.background{ background-color: rgb(161, 0,  
91) }
```

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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