

Converting Colors

XYZ(20.4918, 15.1462, 24.9149)

Have a look what the booklet for
XYZ(20.4918, 15.1462, 24.9149)
contains.

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Color

**XYZ(20.3590, 15.0497,
24.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	965787
RGB	150, 87, 135
RGB Percent	59%, 34%, 53%
CMY	0.4118, 0.6588, 0.4706
CMYK	0.00, 0.42, 0.10, 0.41
HSL	314°, 27%, 46%
HSV	314°, 42%, 59%
XYZ	20.3590, 15.0497, 24.7535
YIQ	111.3090, 22.1400, 28.2840

Conversions

Conversions Part 2

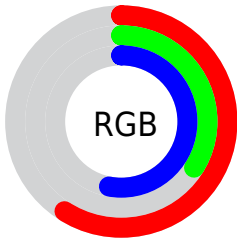
Format	Color
R_{YB}	150, 87, 135
Decimal	9852807
CIE _{Lab}	45.70, 33.21, -15.68
CIE _{LCh}	46, 36.723, 334.722
Yxy	15.0497, 0.3384, 0.2502
Android (android.graphics.Color)	4288042887 (0xFF965787)
YUV	111.3090, 11.6797, 33.9320
Hunter-Lab	38.7939, 25.7871, -10.6758

Details

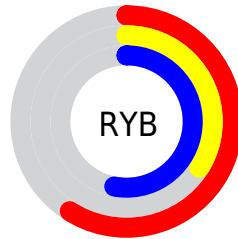
The XYZ color **20.3590, 15.0497, 24.7535** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.2357, 24.7986, 16.4496**, and the grayscale version is **15.1622, 15.9518, 17.3716**.

A 20% lighter version of the original color is **43.3424, 34.7869, 52.0071**, and **7.3698, 4.6388, 9.1013** is the 20% darker color. If you saturate the color by 10%, you get **19.0212, 12.7697, 23.0877**, and if you desaturate by 10%, it is **21.9585, 17.8392, 26.5485**.

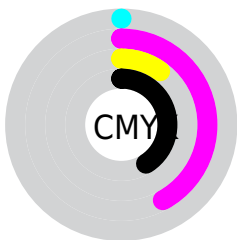
Distribution



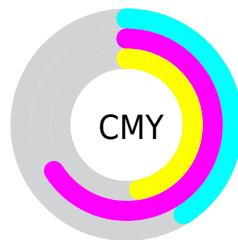
- Red (59%)
- Green (34%)
- Blue (53%)



- Red (59%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (42%)
- Yellow (10%)
- Black (41%)



- Cyan (41%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3590, 15.0497, 24.7535 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 20.3590, 15.0497, 24.7535 by changing the saturation by 10% instead.

20.3590, 15.0497,
24.7535

20.3590, 15.0497,
24.7535

246.6487,
223.6668, 290.0164

12.7660, 8.8543,
15.6762

43.5176, 34.9403,
52.2162

7.3435, 4.6463,
9.1434

59.8140, 49.4044,
71.4386

3.7261, 2.0412,
4.7368

79.7422, 67.3933,
94.8798

1.5484, 0.6313,
2.0376

103.6677, 89.2917,
122.9584

0.3584, 0.0000,
0.5783

131.9557,
115.4838, 156.0927

0.0000, 0.0000,
0.0000

164.9716,

146.3542, 194.7015

203.0809,
182.2870, 239.2032

■ 20.3590, 15.0497,
24.7535

■ 20.3590, 15.0497,
24.7535

■ 19.0212, 12.7697,
23.0877

■ 21.9585, 17.8392,
26.5485

■ 17.9280, 10.9655,
21.5445

■ 23.8328, 21.1649,
28.4769

■ 17.0620, 9.6027,
20.1179

■ 25.9957, 25.0542,
30.5440

■ 16.4034, 8.6416,
18.8008

■ 28.4599, 29.5319,
32.7543

■ 15.9285, 8.0348,
17.5849

■ 31.2369, 34.6214,
35.1120

■ 15.6312, 7.7055,
16.6680

■ 34.3380, 40.3449,
37.6213

■ 37.7736, 46.7233,
40.2861

■ 41.5540, 53.7767,
43.1101

■ 45.6886, 61.5243,
46.0969

Harmonies

Analogous

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



17.9517, 15.0497, 34.6660



20.3590, 15.0497, 24.7535



21.0594, 15.0497, 15.0291

Triad

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



20.3590, 15.0497, 24.7535



13.8221, 15.0497, 4.6255



9.9659, 15.0497, 28.0773

Complementary

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



20.3590, 15.0497, 24.7535



17.2357, 24.7986, 16.4496

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.



9.1744, 15.0497, 17.8235



20.3590, 15.0497, 24.7535



11.1878, 15.0497, 6.0218

Square

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



20.3590, 15.0497, 24.7535



16.9866, 15.0497, 5.3332



9.5875, 15.0497, 10.1559



11.9203, 15.0497, 37.0192

Rectangle

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



20.3590, 15.0497, 24.7535



20.3898, 15.0497, 10.2649



9.5875, 15.0497, 10.1559



9.5689, 15.0497, 24.5572

Sweetspot

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



20.3595, 15.0504, 24.7538



45.3673, 43.2947, 53.4302



14.3595, 11.8265, 30.3802



9.8761, 9.2738, 11.6739



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.3595, 15.0504, 24.7538



33.7870, 22.9037, 41.0321



18.4750, 14.2966, 14.8301



5.9769, 5.8858, 6.9844



12.9770, 6.3958, 13.8916



0.1703, 0.0829, 0.2302

Inverse Universe

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



20.3595, 15.0504, 24.7538



33.7870, 22.9037, 41.0321



19.0848, 25.5383, 26.1868



5.9769, 5.8858, 6.9844



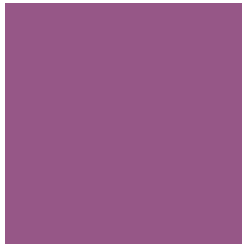
12.9770, 6.3958, 13.8916



0.1703, 0.0829, 0.2302

Previews

White Background



This preview shows how the XYZ color 20.3590, 15.0497, 24.7535 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 20.3590, 15.0497, 24.7535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

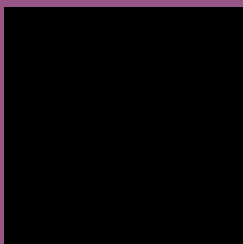
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.3590, 15.0497, 24.7535

Background



This preview shows how black text looks on a background with the XYZ color 20.3590, 15.0497, 24.7535.



This preview shows how white text looks on a background with the XYZ color 20.3590, 15.0497,

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

20.3590, 15.0497, 24.7535

Protanopia

15.5866, 15.2042, 30.9674

Deuteranopia

15.5032, 15.1622, 23.9393



Tritanopia

18.2057, 15.0560, 14.2585

Trichromacy



Original Color

20.3590, 15.0497, 24.7535

Protanomaly

16.8705, 14.8717, 28.7694

Deuteranomaly

16.8639, 14.8281, 24.1636

Tritanomaly

18.7543, 14.8775, 17.5060

Monochromacy



Original Color

20.3590, 15.0497, 24.7535

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.5990, 15.2188, 19.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3590, 15.0497, 24.7535 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(150, 87, 135)` looks like.

```
.text, #text, p{  
  color:rgb(150, 87, 135)  
}
```

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(150, 87, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 87, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.3590, 15.0497, 24.7535 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(150, 87, 135) }
```


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

```
.border{ border-color:rgb(150, 87, 135) }
```

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

Here you see how a box with a 4 pixel rgb(150, 87, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 87, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 87, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 87,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3590, 15.0497, 24.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 87, 135) }
```

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

```
.background{ background-color: rgb(150, 87,  
135) }
```

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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