

Converting Colors

XYZ(15.5804, 7.6830, 25.4598)

Have a look what the booklet for
XYZ(15.5804, 7.6830, 25.4598)
contains.

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Color

**XYZ(15.5126, 7.6454,
25.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0C8C
RGB	139, 12, 140
RGB Percent	55%, 5%, 55%
CMY	0.4549, 0.9529, 0.4510
CMYK	0.01, 0.91, 0.00, 0.45
HSL	300°, 84%, 30%
HSV	300°, 91%, 55%
XYZ	15.5126, 7.6454, 25.4690
YIQ	64.5650, 34.6040, 66.7320

Conversions

Conversions Part 2

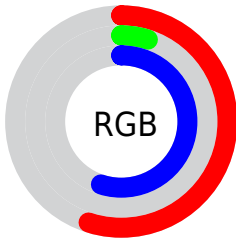
Format	Color
R_{YB}	139, 12, 140
Decimal	9112716
CIE _{Lab}	33.23, 61.03, -38.34
CIE _{LCh}	33, 72.078, 327.861
Yxy	7.6454, 0.3190, 0.1572
Android (android.graphics.Color)	4287302796 (0xFF8B0C8C)
YUV	64.5650, 37.1895, 65.2795
Hunter-Lab	27.6503, 51.7554, -35.2574

Details

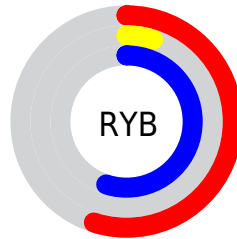
The XYZ color **15.5126, 7.6454, 25.4690** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **9.6107, 18.8684, 3.4836**, and the grayscale version is **4.9013, 5.1565, 5.6155**.

A 20% lighter version of the original color is **35.2985, 21.2228, 53.2749**, and **5.4593, 2.6061, 9.6665** is the 20% darker color. If you saturate the color by 10%, you get **15.3657, 7.3745, 25.4245**, and if you desaturate by 10%, it is **15.7692, 8.1312, 25.5494**.

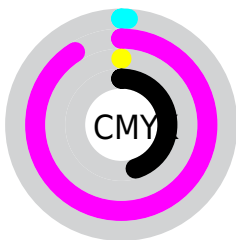
Distribution



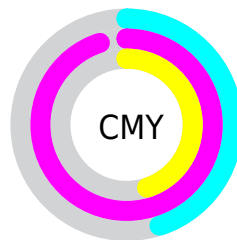
- Red (55%)
- Green (5%)
- Blue (55%)



- Red (55%)
- Yellow (5%)
- Blue (55%)



- Cyan (1%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)





- Cyan (45%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5126, 7.6454, 25.4690 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 15.5126, 7.6454, 25.4690 by changing the saturation by 10% instead.


 15.5126, 7.6454,
25.4690


 15.5126, 7.6454,
25.4690


219.7756,
172.9237, 293.6877


 9.2686, 3.8689,
16.2046


 35.3143, 21.2603,
53.3906

 4.9753, 1.6005,
9.5131


 49.6026, 31.8675,
72.8849


 2.2674, 0.3579,
4.9760

 67.3032, 45.5203,
96.6262

 0.7779, 0.0000,
2.1747

 88.7812, 62.6033,
125.0332

 0.0000, 0.0000,
0.6597

 114.4021, 83.5007,
158.5242

 0.0000, 0.0000,
0.0000

 144.5313,

108.5969, 197.5180

179.5340,
138.2765, 242.4330

15.5126, 7.6454,
25.4690

15.5126, 7.6454,
25.4690

15.3657, 7.3745,
25.4245

15.7692, 8.1312,
25.5494

16.1770, 8.9197,
25.6801

16.7558, 10.0502,
25.8678

17.5223, 11.5559,
26.1180

18.4909, 13.4660,
26.4356

■ 19.6751, 15.8070,
26.8251

■ 21.0867, 18.6030,
27.2903

■ 22.7370, 21.8763,
27.8352

■ 24.6364, 25.6479,
28.4631

Harmonies

Analogous

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



11.3053, 7.6454, 44.6685



15.5126, 7.6454, 25.4690



17.4616, 7.6454, 9.1416

Triad

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



15.5126, 7.6454, 25.4690



7.5467, 7.6454, 0.0000



2.4895, 7.6454, 22.6871

Complementary

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



15.5126, 7.6454, 25.4690



9.6107, 18.8684, 3.4836

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.



2.0947, 7.6454, 7.5577



15.5126, 7.6454, 25.4690



4.3266, 7.6454, 0.0000

Square

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



15.5126, 7.6454, 25.4690



11.9604, 7.6454, 0.0000



2.6273, 7.6454, 1.3720



3.9965, 7.6454, 42.2857

Rectangle

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



15.5126, 7.6454, 25.4690



16.8383, 7.6454, 3.3674



2.6273, 7.6454, 1.3720



2.2519, 7.6454, 16.6692

Sweetspot

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



15.5129, 7.6458, 25.4692



35.5979, 29.6697, 47.5936



5.0444, 2.2897, 24.9871



8.0397, 6.5140, 10.9130



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5129, 7.6458, 25.4692



27.0836, 12.9980, 44.8244



12.3270, 6.3907, 7.8177



5.2301, 5.1270, 6.3198



13.6539, 6.5530, 22.5909



0.0913, 0.0438, 0.1501

Inverse Universe

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



11.0196, 5.8678, 0.9329



19.0755, 9.8329, 0.9331



10.7616, 19.3272, 9.6194



5.0344, 5.0492, 5.2694



9.6155, 4.9563, 0.4796



0.0641, 0.0330, 0.0041

Previews

White Background



This preview shows how the XYZ color 15.5126, 7.6454, 25.4690 looks on a white background.

Color Contrast Check

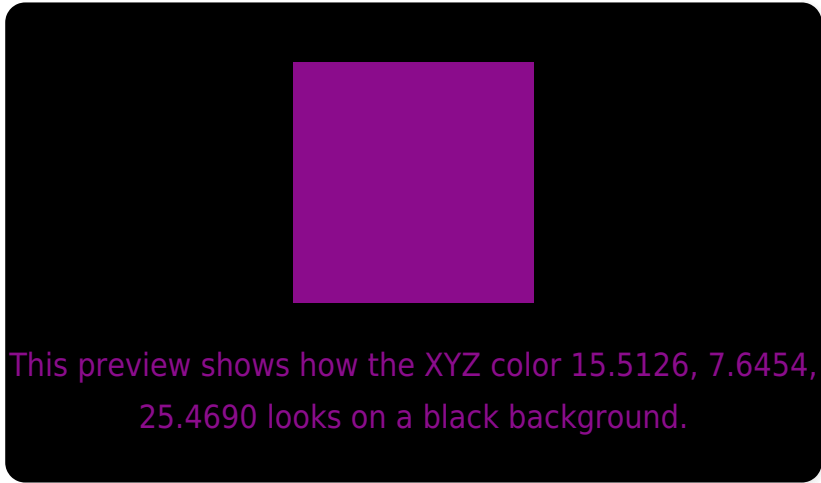
Large Text (above 18pt) WCAG AA ✓ Pass

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

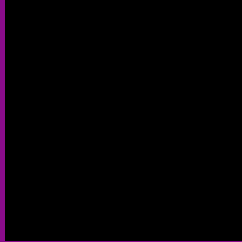
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5126, 7.6454, 25.4690

Background



This preview shows how black text looks on a background with the XYZ color 15.5126, 7.6454, 25.4690.



This preview shows how white text looks on a background with the XYZ color 15.5126, 7.6454,

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

15.5126, 7.6454, 25.4690

Protanopia

9.3547, 7.9881, 36.1708

Deuteranopia

8.3262, 8.1792, 22.9697



Tritanopia

11.4095, 7.8899, 5.0592

Trichromacy



Original Color

15.5126, 7.6454, 25.4690

Protanomaly

8.5547, 5.6166, 31.6436

Deuteranomaly

9.1807, 6.3269, 23.6590

Tritanomaly

12.1931, 7.2087, 9.9813

Monochromacy



Original Color

15.5126, 7.6454, 25.4690

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

7.3224, 5.0020, 10.7048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5126, 7.6454, 25.4690 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(139, 12, 140)` looks like.

```
.text, #text, p{  
  color:rgb(139, 12, 140)  
}
```

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(139, 12, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 12, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.5126, 7.6454, 25.4690 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(139, 12, 140) }
```


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

```
.border{ border-color:rgb(139, 12, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 12, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 12, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 12, 140);  
box-shadow:4px 4px 4px 4px rgb(139, 12,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5126, 7.6454, 25.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 12, 140) }
```

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

```
.background{ background-color: rgb(139, 12,  
140) }
```

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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