

Converting Colors

XYZ(24.0849, 15.1262, 24.5563)

Have a look what the booklet for
XYZ(24.0849, 15.1262, 24.5563)
contains.

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Color

**XYZ(24.0189, 15.1283,
24.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4687
RGB	174, 70, 135
RGB Percent	68%, 27%, 53%
CMY	0.3176, 0.7255, 0.4706
CMYK	0.00, 0.60, 0.22, 0.32
HSL	323°, 43%, 48%
HSV	323°, 60%, 68%
XYZ	24.0189, 15.1283, 24.5758
YIQ	108.5060, 41.1190, 42.2630

Conversions

Conversions Part 2

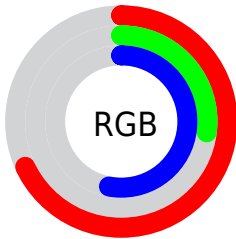
Format	Color
RYB	174, 70, 135
Decimal	11421319
CIELab	45.81, 49.69, -15.20
CIElCh	46, 51.966, 342.988
Yxy	15.1283, 0.3769, 0.2374
Android (android.graphics.Color)	4289611399 (0xFFAE4687)
YUV	108.5060, 13.0615, 57.4382
Hunter-Lab	38.8951, 42.1627, -10.2357

Details

The XYZ color **24.0189, 15.1283, 24.5758** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.4230, 32.6788, 19.7009**, and the grayscale version is **14.3530, 15.1005, 16.4444**.

A 20% lighter version of the original color is **49.4388, 34.9526, 51.7178**, and **9.1869, 4.6594, 9.0095** is the 20% darker color. If you saturate the color by 10%, you get **22.6385, 13.0802, 21.9180**, and if you desaturate by 10%, it is **25.7437, 17.8198, 27.4876**.

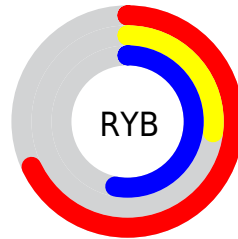
Distribution



Red (68%)

Green (27%)

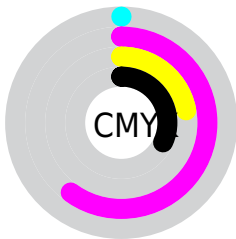
Blue (53%)



Red (68%)

Yellow (27%)

Blue (53%)

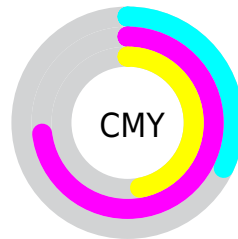


Cyan (0%)

Magenta (60%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (73%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0189, 15.1283, 24.5758 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 24.0189, 15.1283, 24.5758 by changing the saturation by 10% instead.


 24.0189, 15.1283,
24.5758


 24.0189, 15.1283,
24.5758


265.3547,
224.1415, 289.0985


 15.4725, 8.9095,
15.5452


 49.5155, 35.0781,
51.9238

 9.2401, 4.6822,
9.0520


 67.1963, 49.5779,
71.0782


 4.9565, 2.0620,
4.6779

 88.6527, 67.6067,
94.4442

 2.2562, 0.6431,
2.0041

 114.2500, 89.5491,
122.4405

 0.7721, 0.0000,
0.5578

 144.3534,
115.7894, 155.4855

 0.0000, 0.0000,
0.0000

179.3285,

146.7119, 193.9978

219.5404,
182.7012, 238.3960

■ 24.0189, 15.1283,
24.5758

■ 24.0189, 15.1283,
24.5758

■ 22.6385, 13.0802,
21.9180

■ 25.7437, 17.8198,
27.4876

■ 21.5725, 11.6168,
19.5013

■ 27.8368, 21.2021,
30.6635

■ 20.7878, 10.6727,
17.3124

■ 30.3214, 25.3208,
34.1135

■ 20.2149, 10.1095,
15.3254

■ 33.2183, 30.2168,
37.8469

■ 20.2023, 10.0974,
15.2809

■ 36.5468, 35.9280,
41.8725

■ 40.3251, 42.4899,
46.1984

■ 44.5702, 49.9359,
50.8324

■ 49.2981, 58.2975,
55.7821

■ 54.5243, 67.6046,
61.0545

Harmonies

Analogous

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



20.9130, 15.1283, 41.1342



24.0189, 15.1283, 24.5758



24.2348, 15.1283, 11.6281

Triad

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



24.0189, 15.1283, 24.5758



12.5696, 15.1283, 2.3814



9.0606, 15.1283, 38.9714

Complementary

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



24.0189, 15.1283, 24.5758



20.4230, 32.6788, 19.7009

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.



7.6398, 15.1283, 22.5033



24.0189, 15.1283, 24.5758



9.3711, 15.1283, 4.3852

Square

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



24.0189, 15.1283, 24.5758



16.9838, 15.1283, 2.5041



7.7405, 15.1283, 10.3801



12.0551, 15.1283, 51.9299

Rectangle

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



24.0189, 15.1283, 24.5758



22.6542, 15.1283, 6.5271



7.7405, 15.1283, 10.3801



8.4132, 15.1283, 33.3840

Sweetspot

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



24.0194, 15.1291, 24.5761



61.0796, 56.2171, 69.6747



16.0316, 10.6338, 41.2521



13.2163, 11.8828, 15.0379



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.



24.0194, 15.1291, 24.5761



40.3234, 22.6797, 38.1704



21.2414, 14.0179, 9.9474



8.2078, 8.0964, 9.4049



14.6823, 7.3355, 11.2384



0.4338, 0.2142, 0.4463

Inverse Universe

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



24.0194, 15.1291, 24.5761



40.3234, 22.6797, 38.1704



24.0193, 34.1173, 38.6387



8.2078, 8.0964, 9.4049



14.6823, 7.3355, 11.2384



0.4338, 0.2142, 0.4463

Previews

White Background



This preview shows how the XYZ color 24.0189, 15.1283, 24.5758 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 24.0189, 15.1283, 24.5758 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 24.0189, 15.1283, 24.5758

Background



This preview shows how black text looks on a background with the XYZ color 24.0189, 15.1283, 24.5758.



This preview shows how white text looks on a background with the XYZ color 24.0189, 15.1283,

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

24.0189, 15.1283, 24.5758

Protanopia

16.0850, 15.3334, 36.7622

Deuteranopia

15.6506, 15.4154, 22.9195



Tritanopia

21.2403, 15.1190, 10.8156

Trichromacy



Original Color

24.0189, 15.1283, 24.5758

Protanomaly

17.6376, 14.3703, 31.9811

Deuteranomaly

17.7723, 14.6306, 23.3600

Tritanomaly

21.9472, 14.9652, 14.8285

Monochromacy



Original Color

24.0189, 15.1283, 24.5758

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.0351, 14.4790, 19.0364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0189, 15.1283, 24.5758 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(174, 70, 135)` looks like.

```
.text, #text, p{  
    color:rgb(174, 70, 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(174, 70, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 70, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.0189, 15.1283, 24.5758 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(174, 70, 135) }
```


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

```
.border{ border-color:rgb(174, 70, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 70, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 70, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 70, 135);  
box-shadow:4px 4px 4px 4px rgb(174, 70,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0189, 15.1283, 24.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 70, 135) }
```

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

```
.background{ background-color: rgb(174, 70,  
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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