

Converting Colors

XYZ(25.2947, 15.3654, 35.3508)

Have a look what the booklet for
XYZ(25.2947, 15.3654, 35.3508)
contains.

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Color

**XYZ(25.2947, 15.3654,
35.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	AB44A1
RGB	171, 68, 161
RGB Percent	67%, 27%, 63%
CMY	0.3294, 0.7333, 0.3686
CMYK	0.00, 0.60, 0.06, 0.33
HSL	306°, 43%, 47%
HSV	306°, 60%, 67%
XYZ	25.2947, 15.3654, 35.3508
YIQ	109.3990, 31.5350, 50.7590

Conversions

Conversions Part 2

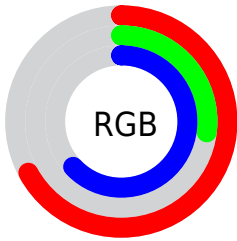
Format	Color
R_{YB}	171, 68, 161
Decimal	11224225
CIE _{Lab}	46.13, 53.81, -30.34
CIE _{LCh}	46, 61.772, 330.585
Yxy	15.3654, 0.3328, 0.2021
Android (android.graphics.Color)	4289414305 (0xFFAB44A1)
YUV	109.3990, 25.4393, 54.0241
Hunter-Lab	39.1987, 46.5872, -26.0307

Details

The XYZ color **25.2947, 15.3654, 35.3508** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.3227, 30.9054, 12.2084**, and the grayscale version is **14.5735, 15.3324, 16.6970**.

A 20% lighter version of the original color is **51.6673, 35.5349, 69.1015**, and **9.9628, 4.8171, 14.8727** is the 20% darker color. If you saturate the color by 10%, you get **24.2620, 13.5324, 34.2890**, and if you desaturate by 10%, it is **26.6320, 17.8038, 36.5239**.

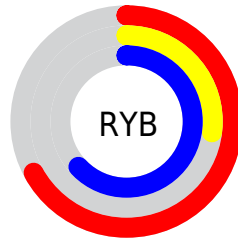
Distribution



Red (67%)

Green (27%)

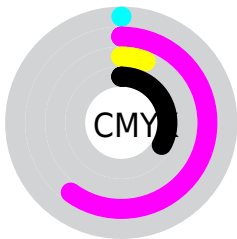
Blue (63%)



Red (67%)

Yellow (27%)

Blue (63%)

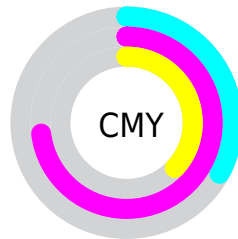


Cyan (0%)

Magenta (60%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (73%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2947, 15.3654, 35.3508 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 25.2947, 15.3654, 35.3508 by changing the saturation by 10% instead.


 25.2947, 15.3654,
35.3508


 25.2947, 15.3654,
35.3508


271.6230,
225.5674, 341.0652

 16.4267, 9.0762,
23.6475


 51.5744, 35.4929,
69.1866


 9.9193, 4.7909,
14.8626


 69.7167, 50.1001,
92.1562


 5.4074, 2.1251,
8.5774


 91.6812, 68.2487,
119.7182

 2.5254, 0.6787,
4.3736

 117.8331, 90.3232,
152.2914

 0.9081, 0.0000,
1.8324

 148.5379,
116.7079, 190.2941

 0.0000, 0.0000,
0.4492

184.1610,

 0.0000, 0.0000,

147.7872, 234.1450

0.0000

225.0675,
183.9456, 284.2625

■ 25.2947, 15.3654,
35.3508

■ 25.2947, 15.3654,
35.3508

■ 24.2620, 13.5324,
34.2890

■ 26.6320, 17.8038,
36.5239

■ 23.5052, 12.2486,
33.3287

■ 28.2962, 20.8931,
37.8155

■ 22.9930, 11.4508,
32.4594

■ 30.3092, 24.6770,
39.2331

■ 22.6606, 11.0044,
31.6753

■ 32.6907, 29.1946,
40.7831

■ 35.4587, 34.4823,
42.4718

■ 38.6304, 40.5739,
44.3048

■ 42.2215, 47.5014,
46.2874

■ 46.2473, 55.2949,
48.4247

■ 50.7219, 63.9830,
50.7216

Harmonies

Analogous

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



20.3735, 15.3654, 56.0620



25.2947, 15.3654, 35.3508



27.2197, 15.3654, 16.4366

Triad

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



25.2947, 15.3654, 35.3508



14.5014, 15.3654, 1.2697



7.5176, 15.3654, 36.2002

Complementary

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



25.2947, 15.3654, 35.3508



18.3227, 30.9054, 12.2084

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.



6.6505, 15.3654, 17.0275



25.2947, 15.3654, 35.3508



10.0422, 15.3654, 2.1365

Square

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



25.2947, 15.3654, 35.3508



20.1512, 15.3654, 2.0624



7.4515, 15.3654, 6.1614



10.1820, 15.3654, 56.7262

Rectangle

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



25.2947, 15.3654, 35.3508



26.2550, 15.3654, 8.4780



7.4515, 15.3654, 6.1614



7.0395, 15.3654, 29.1090

Sweetspot

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



25.2952, 15.3661, 35.3511



59.4405, 53.9884, 73.5989



12.4456, 8.6359, 39.5394



12.9615, 11.4796, 16.2284



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.2952, 15.3661, 35.3511



42.9893, 23.4368, 60.8677



21.7270, 13.9388, 16.5612



8.3031, 8.1345, 9.9067



17.0934, 8.2999, 23.9348



0.4850, 0.2347, 0.7157

Inverse Universe

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



25.2952, 15.3661, 35.3511



42.9893, 23.4368, 60.8677



20.8493, 31.9160, 25.5133



8.3031, 8.1345, 9.9067



17.0934, 8.2999, 23.9348



0.4850, 0.2347, 0.7157

Previews

White Background



This preview shows how the XYZ color 25.2947, 15.3654, 35.3508 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 25.2947, 15.3654, 35.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

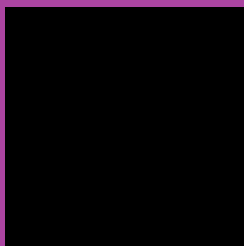
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2947, 15.3654, 35.3508

Background



This preview shows how black text looks on a background with the XYZ color 25.2947, 15.3654, 35.3508.



This preview shows how white text looks on a background with the XYZ color 25.2947, 15.3654,

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

25.2947, 15.3654, 35.3508

Protanopia

17.5623, 15.7207, 53.7385

Deuteranopia

15.9175, 15.6501, 32.7537



Tritanopia

20.4882, 15.3932, 12.2473

Trichromacy



Original Color

25.2947, 15.3654, 35.3508



Protanomaly

18.4055, 14.3118, 46.5921



Deuteranomaly

18.1145, 14.5773, 33.7572



Tritanomaly

21.8646, 15.1523, 18.9118

Monochromacy



Original Color

25.2947, 15.3654, 35.3508



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

17.4147, 14.4695, 22.2971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2947, 15.3654, 35.3508 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(171, 68, 161)` looks like.

```
.text, #text, p{  
    color:rgb(171, 68, 161)  
}
```

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(171, 68, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 68, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.2947, 15.3654, 35.3508 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(171, 68, 161) }
```


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

```
.border{ border-color:rgb(171, 68, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 68, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 68, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 68, 161);  
box-shadow:4px 4px 4px 4px rgb(171, 68,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2947, 15.3654, 35.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 68, 161) }
```

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

```
.background{ background-color: rgb(171, 68,  
161) }
```

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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