

Converting Colors

XYZ(25.9101, 15.0594, 20.9783)

Have a look what the booklet for
XYZ(25.9101, 15.0594, 20.9783)
contains.

XYZ(25.8549, 15.0004, 20.9347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8549, 15.0004,
20.9347)**

Conversions

Conversions Part 1

Format	Color
Hex	BC387D
RGB	188, 56, 125
RGB Percent	74%, 22%, 49%
CMY	0.2627, 0.7804, 0.5098
CMYK	0.00, 0.70, 0.34, 0.26
HSL	329°, 54%, 48%
HSV	329°, 70%, 74%
XYZ	25.8549, 15.0004, 20.9347
YIQ	103.3340, 56.5230, 49.4430

Conversions

Conversions Part 2

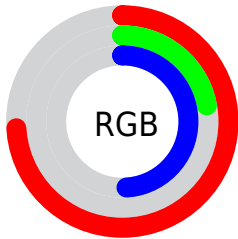
Format	Color
R_{YB}	188, 56, 125
Decimal	12335229
CIE Lab	45.63, 58.30, -9.17
CIE LCh	46, 59.019, 351.065
Yxy	15.0004, 0.4184, 0.2428
Android (android.graphics.Color)	4290525309 (0xFFBC387D)
YUV	103.3340, 10.6813, 74.2521
Hunter-Lab	38.7303, 51.3817, -4.9364

Details

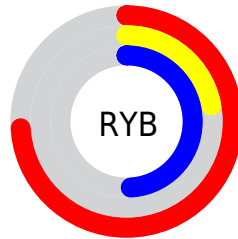
The XYZ color **25.8549, 15.0004, 20.9347** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **22.9448, 38.1396, 23.6076**, and the grayscale version is **12.9435, 13.6176, 14.8296**.

A 20% lighter version of the original color is **52.6524, 34.9811, 46.0964**, and **10.5104, 5.2676, 7.3003** is the 20% darker color. If you saturate the color by 10%, you get **24.5611, 13.2891, 17.8018**, and if you desaturate by 10%, it is **27.5434, 17.4180, 24.4549**.

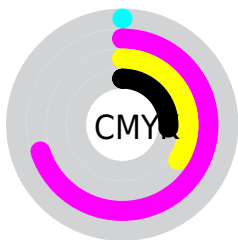
Distribution



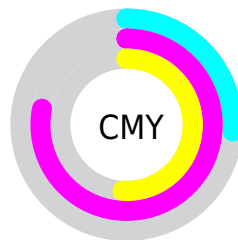
- Red (74%)
- Green (22%)
- Blue (49%)



- Red (74%)
- Yellow (22%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (26%)





- Cyan (26%)
- Magenta (78%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8549, 15.0004, 20.9347 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 25.8549, 15.0004, 20.9347 by changing the saturation by 10% instead.

 25.8549, 15.0004,
20.9347


 25.8549, 15.0004,
20.9347


274.3388,
223.3686, 269.7009


 16.8472, 8.8197,
12.8855


 52.4737, 34.8539,
45.8582


 10.2203, 4.6237,
7.2199


 70.8156, 49.2954,
63.5696


 5.6086, 2.0282,
3.5195

 92.9996, 67.2593,
85.3388

 2.6470, 0.6238,
1.3656

 119.3911, 89.1301,
111.5844

 0.9700, 0.0000,
0.1147

 150.3554,
115.2919, 142.7248

 0.0000, 0.0000,
0.0000

186.2579,

146.1294, 179.1787

227.4639,
182.0268, 221.3645

■ 25.8549, 15.0004,
20.9347

■ 25.8549, 15.0004,
20.9347

■ 24.5611, 13.2891,
17.8018

■ 27.5434, 17.4180,
24.4549

■ 23.6187, 12.2000,
15.0348

■ 29.6609, 20.6088,
28.3801

■ 22.9563, 11.5783,
12.6466

■ 32.2393, 24.6344,
32.7272

■ 35.3070, 29.5494,
37.5117

■ 38.8898, 35.4039,
42.7480

■ 43.0119, 42.2442,
48.4499

■ 47.6957, 50.1135,
54.6304

■ 52.9624, 59.0523,
61.3019

■ 58.8320, 69.0991,
68.4762

Harmonies

Analogous

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



22.9995, 15.0004, 40.0984



25.8549, 15.0004, 20.9347



25.0898, 15.0004, 8.3744

Triad

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



25.8549, 15.0004, 20.9347



11.1076, 15.0004, 1.8258



9.0808, 15.0004, 47.9626

Complementary

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



25.8549, 15.0004, 20.9347



22.9448, 38.1396, 23.6076

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.



7.1015, 15.0004, 28.1963



25.8549, 15.0004, 20.9347



8.0699, 15.0004, 4.5056

Square

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



25.8549, 15.0004, 20.9347



15.7848, 15.0004, 1.5018



6.7800, 15.0004, 12.4603



12.8319, 15.0004, 60.6625

Rectangle

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



25.8549, 15.0004, 20.9347



22.6887, 15.0004, 4.1852



6.7800, 15.0004, 12.4603



8.2262, 15.0004, 41.5249

Sweetspot

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



25.8553, 15.0012, 20.9350



69.6963, 62.8713, 76.3549



17.9093, 10.2839, 48.6181



14.5885, 12.8649, 15.8444



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.8553, 15.0012, 20.9350



43.5567, 22.9343, 29.5918



22.9801, 13.8511, 5.7941



9.7328, 9.6174, 10.9821



15.6677, 7.8982, 8.8094



0.6466, 0.3225, 0.5182

Inverse Universe

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



25.8553, 15.0012, 20.9350



43.5567, 22.9343, 29.5918



28.2245, 40.2514, 51.4098



9.7328, 9.6174, 10.9821



15.6677, 7.8982, 8.8094



0.6466, 0.3225, 0.5182

Previews

White Background



This preview shows how the XYZ color 25.8549, 15.0004, 20.9347 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 25.8549, 15.0004, 20.9347 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 25.8549, 15.0004, 20.9347

Background



This preview shows how black text looks on a background with the XYZ color 25.8549, 15.0004, 20.9347.



This preview shows how white text looks on a background with the XYZ color 25.8549, 15.0004,

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

25.8549, 15.0004, 20.9347

Protanopia

15.9172, 15.2776, 35.3676

Deuteranopia

15.4943, 15.2609, 19.2686



Tritanopia

23.1313, 14.9410, 8.1433

Trichromacy



Original Color

25.8549, 15.0004, 20.9347

Protanomaly

17.3604, 13.5217, 29.2987

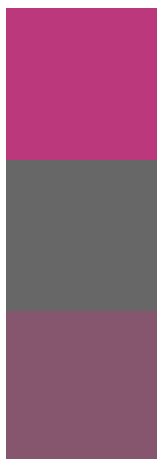
Deuteranomaly

18.0962, 14.1107, 19.8590

Tritanomaly

23.8168, 14.7714, 11.9518

Monochromacy



Original Color

25.8549, 15.0004, 20.9347

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

16.0285, 12.8716, 16.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8549, 15.0004, 20.9347 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(188, 56, 125)` looks like.

```
.text, #text, p{  
  color:rgb(188, 56, 125)  
}
```

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(188, 56, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 56, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.8549, 15.0004, 20.9347 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(188, 56, 125) }
```


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

```
.border{ border-color:rgb(188, 56, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 56, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 56, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 56, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 56,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8549, 15.0004, 20.9347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 56, 125) }
```

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

```
.background{ background-color: rgb(188, 56,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor