

Converting Colors

XYZ(25.0497, 14.1164, 20.8065)

Have a look what the booklet for
XYZ(25.0497, 14.1164, 20.8065)
contains.

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Color

**XYZ(25.0497, 14.1164,
20.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	BA317D
RGB	186, 49, 125
RGB Percent	73%, 19%, 49%
CMY	0.2706, 0.8078, 0.5098
CMYK	0.00, 0.74, 0.33, 0.27
HSL	327°, 58%, 46%
HSV	327°, 74%, 73%
XYZ	25.0497, 14.1164, 20.8065
YIQ	98.6270, 57.2560, 52.6800

Conversions

Conversions Part 2

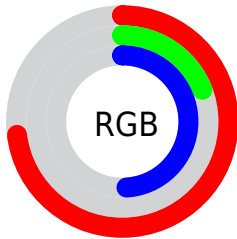
Format	Color
RYB	186, 49, 125
Decimal	12202365
CIELab	44.40, 60.23, -11.06
CIELCh	44, 61.236, 349.594
Yxy	14.1164, 0.4177, 0.2354
Android (android.graphics.Color)	4290392445 (0xFFBA317D)
YUV	98.6270, 13.0019, 76.6261
Hunter-Lab	37.5718, 53.2581, -6.5333

Details

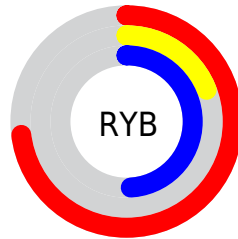
The XYZ color **25.0497, 14.1164, 20.8065** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **21.6409, 36.8971, 20.7355**, and the grayscale version is **11.7253, 12.3360, 13.4339**.

A 20% lighter version of the original color is **51.2996, 33.3226, 45.8476**, and **10.2066, 5.1110, 7.2861** is the 20% darker color. If you saturate the color by 10%, you get **23.9188, 12.6662, 17.9270**, and if you desaturate by 10%, it is **26.5465, 16.2275, 24.0259**.

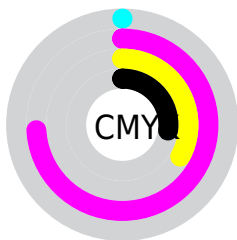
Distribution



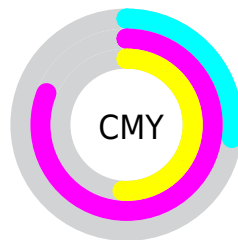
- Red (73%)
- Green (19%)
- Blue (49%)



- Red (73%)
- Yellow (19%)
- Blue (49%)



- Cyan (0%)
- Magenta (74%)
- Yellow (33%)
- Black (27%)





- Cyan (27%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0497, 14.1164, 20.8065 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 25.0497, 14.1164, 20.8065 by changing the saturation by 10% instead.


 25.0497, 14.1164,
20.8065


 25.0497, 14.1164,
20.8065


270.4284,
217.9538, 268.9955


 16.2430, 8.2017,
12.7928


 51.1802, 33.2954,
45.6419

 9.7882, 4.2243,
7.1570


 69.2346, 47.3285,
63.3006


 5.3200, 1.7998,
3.4805

 91.1024, 64.8365,
85.0114

 2.4729, 0.4870,
1.3449

 117.1489, 86.2038,
111.1928

 0.8816, 0.0000,
0.0982

 147.7393,
111.8147, 142.2634

 0.0000, 0.0000,
0.0000

 183.2392,

142.0538, 178.6417

224.0138,
177.3053, 220.7462

■ 25.0497, 14.1164,
20.8065

■ 25.0497, 14.1164,
20.8065

■ 23.9188, 12.6662,
17.9270

■ 26.5465, 16.2275,
24.0259

■ 23.1089, 11.7895,
15.3669

■ 28.4441, 19.0680,
27.6016

■ 22.7069, 11.4220,
13.8866

■ 30.7746, 22.7004,
31.5493

■ 33.5662, 27.1798,
35.8832

■ 36.8448, 32.5560,
40.6167

■ 40.6342, 38.8755,
45.7620

■ 44.9565, 46.1810,
51.3311

■ 49.8326, 54.5129,
57.3350

■ 55.2822, 63.9093,
63.7846

Harmonies

Analogous

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



21.9950, 14.1164, 40.4968



25.0497, 14.1164, 20.8065



24.4592, 14.1164, 7.9525

Triad

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



25.0497, 14.1164, 20.8065



10.4860, 14.1164, 1.3637



8.1683, 14.1164, 46.6428

Complementary

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



25.0497, 14.1164, 20.8065



21.6409, 36.8971, 20.7355

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.



6.3282, 14.1164, 26.3745



25.0497, 14.1164, 20.8065



7.4220, 14.1164, 3.6426

Square

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



25.0497, 14.1164, 20.8065



15.2010, 14.1164, 1.1521



6.0933, 14.1164, 10.9746



11.7788, 14.1164, 60.4374

Rectangle

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



25.0497, 14.1164, 20.8065



22.1151, 14.1164, 3.7565



6.0933, 14.1164, 10.9746



7.3640, 14.1164, 39.9379

Sweetspot

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



25.0501, 14.1172, 20.8067



67.6146, 60.3865, 74.7782



16.1913, 8.9540, 47.3294



14.5067, 12.6643, 15.9313



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.



25.0501, 14.1172, 20.8067



42.4369, 21.9205, 29.7320



22.1158, 12.9434, 5.3546



9.2075, 9.0934, 10.4401



15.3147, 7.6996, 9.5437



0.5705, 0.2837, 0.4978

Inverse Universe

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



25.0501, 14.1172, 20.8067



42.4369, 21.9205, 29.7320



26.7486, 38.9401, 47.6321



9.2075, 9.0934, 10.4401



15.3147, 7.6996, 9.5437



0.5705, 0.2837, 0.4978

Previews

White Background



This preview shows how the XYZ color 25.0497, 14.1164, 20.8065 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 25.0497, 14.1164, 20.8065 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 25.0497, 14.1164, 20.8065

Background



This preview shows how black text looks on a background with the XYZ color 25.0497, 14.1164, 20.8065.



This preview shows how white text looks on a background with the XYZ color 25.0497, 14.1164,

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

25.0497, 14.1164, 20.8065

Protanopia

15.2173, 14.4298, 36.6335

Deuteranopia

14.6758, 14.3880, 19.1432



Tritanopia

22.2559, 14.1553, 7.1895

Trichromacy



Original Color

25.0497, 14.1164, 20.8065

Protanomaly

16.4803, 12.5755, 29.9925

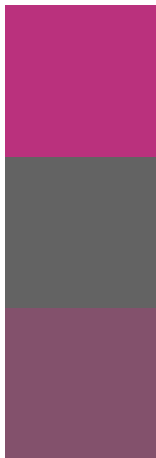
Deuteranomaly

17.0257, 12.9703, 19.6953

Tritanomaly

22.8956, 13.9165, 10.9306

Monochromacy



Original Color

25.0497, 14.1164, 20.8065

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

15.0093, 11.7929, 15.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0497, 14.1164, 20.8065 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(186, 49, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 49, 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(186, 49, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 49, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.0497, 14.1164, 20.8065 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(186, 49, 125) }
```


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

```
.border{ border-color:rgb(186, 49, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 49, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 49, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 49, 125);  
box-shadow:4px 4px 4px 4px rgb(186, 49,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0497, 14.1164, 20.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 49, 125) }
```

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

```
.background{ background-color: rgb(186, 49,  
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](#).

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