

Converting Colors

XYZ(25.1896, 15.7552, 20.5187)

Have a look what the booklet for
XYZ(25.1896, 15.7552, 20.5187)
contains.

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Color

**XYZ(25.2317, 15.7536,
20.4498)**

Conversions

Conversions Part 1

Format	Color
Hex	B7457B
RGB	183, 69, 123
RGB Percent	72%, 27%, 48%
CMY	0.2824, 0.7294, 0.5176
CMYK	0.00, 0.62, 0.33, 0.28
HSL	332°, 45%, 49%
HSV	332°, 62%, 72%
XYZ	25.2317, 15.7536, 20.4498
YIQ	109.2420, 50.6100, 40.9620

Conversions

Conversions Part 2

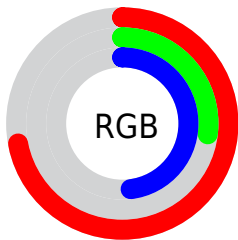
Format	Color
R_{YB}	183, 69, 123
Decimal	12010875
CIE _{Lab}	46.65, 51.30, -6.52
CIE _{LCh}	47, 51.717, 352.759
Yxy	15.7536, 0.4107, 0.2564
Android (android.graphics.Color)	4290200955 (0xFFB7457B)
YUV	109.2420, 6.7827, 64.6858
Hunter-Lab	39.6908, 44.0147, -2.7643

Details

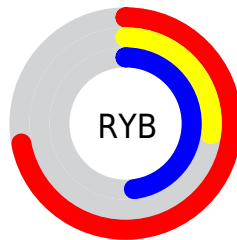
The XYZ color **25.2317, 15.7536, 20.4498** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.3511, 36.7176, 26.6275**, and the grayscale version is **14.5765, 15.3356, 16.7005**.

A 20% lighter version of the original color is **51.4388, 36.1383, 44.8217**, and **9.8511, 4.9517, 6.9151** is the 20% darker color. If you saturate the color by 10%, you get **23.7009, 13.6100, 17.1096**, and if you desaturate by 10%, it is **27.1698, 18.6168, 24.2188**.

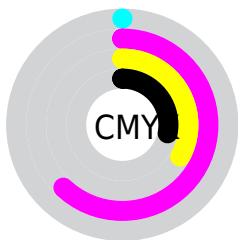
Distribution



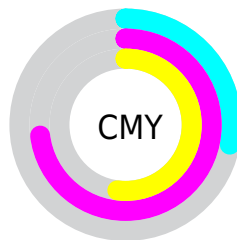
- Red (72%)
- Green (27%)
- Blue (48%)



- Red (72%)
- Yellow (27%)
- Blue (48%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (28%)



- Cyan (28%)
- Magenta (73%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2317, 15.7536, 20.4498 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 25.2317, 15.7536, 20.4498 by changing the saturation by 10% instead.

■ 25.2317, 15.7536,
20.4498

■ 25.2317, 15.7536,
20.4498

271.3163,
227.8833, 267.0242

■ 16.3794, 9.3500,
12.5351

■ 51.4730, 36.1699,
45.0389

■ 9.8856, 4.9701,
6.9823

■ 69.5928, 50.9514,
62.5503

■ 5.3848, 2.2298,
3.3727

■ 91.5325, 69.2942,
84.0978

■ 2.5118, 0.7361,
1.2880

■ 117.6573, 91.5829,
110.0998

■ 0.9012, 0.0000,
0.0519

■ 148.3328,
118.2017, 140.9749

■ 0.0000, 0.0000,
0.0000

183.9242,

149.5352, 177.1417

224.7969,
185.9676, 219.0186

■ 25.2317, 15.7536,
20.4498

■ 25.2317, 15.7536,
20.4498

■ 23.7009, 13.6100,
17.1096

■ 27.1698, 18.6168,
24.2188

■ 22.5413, 12.1165,
14.1773

■ 29.5444, 22.2554,
28.4340

■ 21.7120, 11.1943,
11.6306

■ 32.3834, 26.7228,
33.1126

■ 21.2357, 10.7502,
9.9040

■ 35.7120, 32.0667,
38.2705

■ 39.5533, 38.3313,
43.9225

■ 43.9291, 45.5577,
50.0829

■ 48.8597, 53.7846,
56.7653

■ 54.3646, 63.0483,
63.9827

■ 60.4620, 73.3837,
71.7476

Harmonies

Analogous

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



22.9193, 15.7536, 36.8008



25.2317, 15.7536, 20.4498



24.3899, 15.7536, 9.2781

Triad

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



25.2317, 15.7536, 20.4498



11.8858, 15.7536, 2.9880



10.3472, 15.7536, 45.1932

Complementary

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



25.2317, 15.7536, 20.4498



23.3511, 36.7176, 26.6275

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.



8.3588, 15.7536, 28.5586



25.2317, 15.7536, 20.4498



9.1157, 15.7536, 6.1457

Square

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



25.2317, 15.7536, 20.4498



16.0841, 15.7536, 2.4825



7.9578, 15.7536, 14.2310



13.9149, 15.7536, 55.0415

Rectangle

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



25.2317, 15.7536, 20.4498



22.2196, 15.7536, 5.2740



7.9578, 15.7536, 14.2310



9.5035, 15.7536, 39.9064

Sweetspot

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



25.2322, 15.7544, 20.4501



65.9103, 60.5960, 71.4622



19.5633, 12.2577, 46.1346



14.1442, 12.7130, 15.1651



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.2322, 15.7544, 20.4501



41.5524, 23.1873, 28.4845



22.8501, 14.9916, 7.3207



9.1769, 9.0811, 10.2792



14.8486, 7.5132, 7.0893



0.5548, 0.2774, 0.4148

Inverse Universe

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



25.2322, 15.7544, 20.4501



41.5524, 23.1873, 28.4845



27.5462, 37.7728, 50.6388



9.1769, 9.0811, 10.2792



14.8486, 7.5132, 7.0893



0.5548, 0.2774, 0.4148

Previews

White Background



This preview shows how the XYZ color 25.2317, 15.7536, 20.4498 looks on a white background.

Color Contrast Check

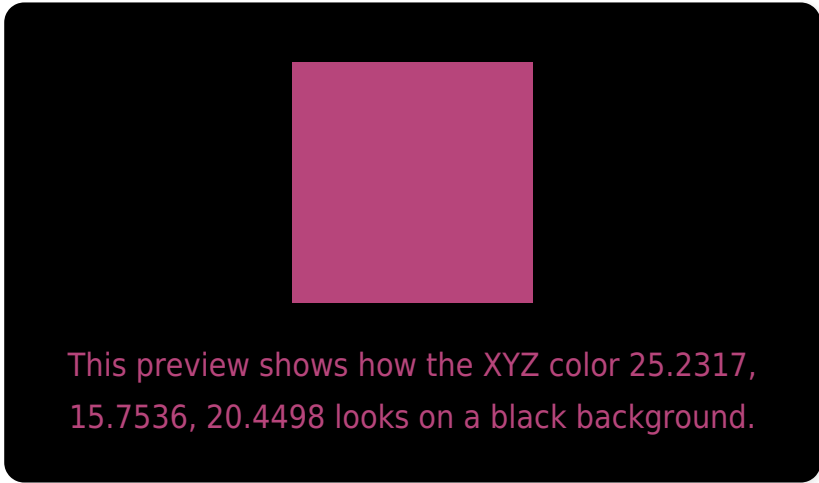
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

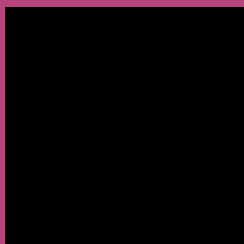
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2317, 15.7536, 20.4498

Background



This preview shows how black text looks on a background with the XYZ color 25.2317, 15.7536, 20.4498.



This preview shows how white text looks on a background with the XYZ color 25.2317, 15.7536,

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

25.2317, 15.7536, 20.4498

Protanopia

16.3365, 16.0632, 31.0936

Deuteranopia

16.1812, 15.9314, 19.0519



Tritanopia

23.1081, 15.7766, 10.0109

Trichromacy



Original Color

25.2317, 15.7536, 20.4498

Protanomaly

18.0318, 14.8237, 26.7218

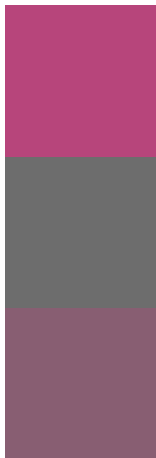
Deuteranomaly

18.4878, 15.0881, 19.3906

Tritanomaly

23.7767, 15.7378, 13.3398

Monochromacy



Original Color

25.2317, 15.7536, 20.4498

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.1933, 14.4546, 17.8034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2317, 15.7536, 20.4498 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(183, 69, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 69, 123)  
}
```

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(183, 69, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 69, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.2317, 15.7536, 20.4498 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(183, 69, 123) }
```


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

```
.border{ border-color:rgb(183, 69, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 69, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 69, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 69, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 69,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2317, 15.7536, 20.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 69, 123) }
```

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

```
.background{ background-color: rgb(183, 69,  
123) }
```

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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