

Converting Colors

XYZ(25.3188, 17.3893, 20.8049)

Have a look what the booklet for
XYZ(25.3188, 17.3893, 20.8049)
contains.

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Color

**XYZ(25.3359, 17.3544,
20.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	B3547B
RGB	179, 84, 123
RGB Percent	70%, 33%, 48%
CMY	0.2980, 0.6706, 0.5176
CMYK	0.00, 0.53, 0.31, 0.30
HSL	335°, 38%, 52%
HSV	335°, 53%, 70%
XYZ	25.3359, 17.3544, 20.7533
YIQ	116.8510, 44.1010, 32.2690

Conversions

Conversions Part 2

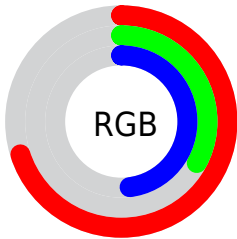
Format	Color
R _Y B	179, 84, 123
Decimal	11752571
CIE Lab	48.70, 42.89, -3.54
CIE LCh	49, 43.039, 355.280
Yxy	17.3544, 0.3993, 0.2735
Android (android.graphics.Color)	4289942651 (0xFFB3547B)
YUV	116.8510, 3.0315, 54.5047
Hunter-Lab	41.6586, 35.6574, -0.3758

Details

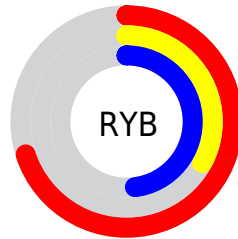
The XYZ color **25.3359, 17.3544, 20.7533** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.5108, 36.0190, 30.4733**, and the grayscale version is **16.8443, 17.7215, 19.2988**.

A 20% lighter version of the original color is **51.6086, 38.9910, 45.3634**, and **9.8944, 5.6853, 7.0545** is the 20% darker color. If you saturate the color by 10%, you get **23.4945, 14.6723, 17.0543**, and if you desaturate by 10%, it is **27.6045, 20.7766, 24.9464**.

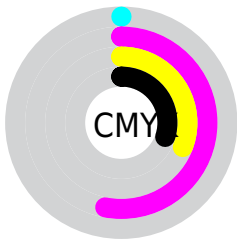
Distribution



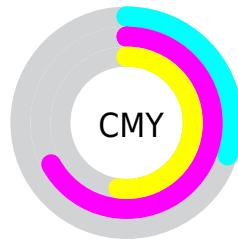
- Red (70%)
- Green (33%)
- Blue (48%)



- Red (70%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (53%)
- Yellow (31%)
- Black (30%)



- Cyan (30%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3359, 17.3544, 20.7533 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 25.3359, 17.3544, 20.7533 by changing the saturation by 10% instead.

■ 25.3359, 17.3544,
20.7533

■ 25.3359, 17.3544,
20.7533

271.8235,
237.2065, 268.7023

■ 16.4576, 10.4875,
12.7543

■ 51.6406, 38.9341,
45.5520

■ 9.9414, 5.7234,
7.1308

■ 69.7977, 54.4157,
63.1889

■ 5.4221, 2.6776,
3.4644

■ 91.7784, 73.5377,
84.8754

■ 2.5343, 0.9658,
1.3364

■ 117.9480, 96.6844,
111.0302

■ 0.9126, 0.0000,
0.0913

■ 148.6720,
124.2402, 142.0717

■ 0.0000, 0.0000,
0.0000

184.3157,

156.5896, 178.4185

225.2444,
194.1169, 220.4892

■ 25.3359, 17.3544,
20.7533

■ 25.3359, 17.3544,
20.7533

■ 23.4945, 14.6723,
17.0543

■ 27.6045, 20.7766,
24.9464

■ 22.0490, 12.6717,
13.8272

■ 30.3256, 24.9867,
29.6522

■ 20.9657, 11.2891,
11.0496

■ 33.5243, 30.0313,
34.8892

■ 20.2043, 10.4476,
8.6955

■ 37.2234, 35.9527,
40.6748

■ 19.8090, 10.0712,
7.2869

■ 41.4440, 42.7902,
47.0254

■ 46.2061, 50.5809,
53.9569

■ 51.5285, 59.3597,
61.4841

■ 57.4294, 69.1598,
69.6216

■ 63.9257, 80.0127,
78.3834

Harmonies

Analogous

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



23.6014, 17.3544, 34.2902



25.3359, 17.3544, 20.7533



24.4083, 17.3544, 11.0106

Triad

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



25.3359, 17.3544, 20.7533



13.4439, 17.3544, 5.2168



12.5165, 17.3544, 43.1751

Complementary

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



25.3359, 17.3544, 20.7533



24.5108, 36.0190, 30.4733

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.



10.5084, 17.3544, 29.8588



25.3359, 17.3544, 20.7533



10.9806, 17.3544, 8.9761

Square

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



25.3359, 17.3544, 20.7533



17.1312, 17.3544, 4.4063



9.9947, 17.3544, 17.1529



15.8744, 17.3544, 50.1466

Rectangle

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



25.3359, 17.3544, 20.7533



22.4728, 17.3544, 7.2267



9.9947, 17.3544, 17.1529



11.6839, 17.3544, 39.0854

Sweetspot

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



25.3364, 17.3553, 20.7536



64.4458, 60.8207, 69.4222



22.0250, 15.1213, 44.4058



13.9768, 12.9923, 14.9109



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.3364, 17.3553, 20.7536



41.5020, 25.4623, 29.3145



24.0113, 17.8646, 10.5713



8.6362, 8.5612, 9.5825



14.0287, 7.1290, 5.3110



0.4707, 0.2360, 0.3214

Inverse Universe

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



25.3364, 17.3553, 20.7536



41.5020, 25.4623, 29.3145



26.3721, 34.2973, 47.8781



8.6362, 8.5612, 9.5825



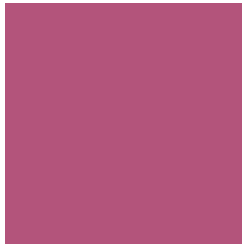
14.0287, 7.1290, 5.3110



0.4707, 0.2360, 0.3214

Previews

White Background



This preview shows how the XYZ color 25.3359, 17.3544, 20.7533 looks on a white background.

Color Contrast Check

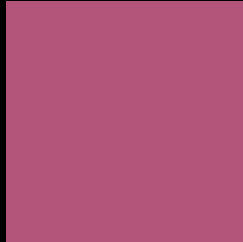
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3359, 17.3544, 20.7533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

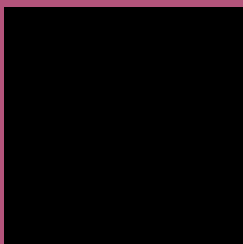
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3359, 17.3544, 20.7533

Background



This preview shows how black text looks on a background with the XYZ color 25.3359, 17.3544, 20.7533.



This preview shows how white text looks on a background with the XYZ color 25.3359, 17.3544,

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

25.3359, 17.3544, 20.7533

Protanopia

17.5191, 17.5596, 28.4526

Deuteranopia

17.7793, 17.5539, 19.5907



Tritanopia

23.8152, 17.3364, 13.1574

Trichromacy



Original Color

25.3359, 17.3544, 20.7533

Protanomaly

19.3859, 16.8291, 25.5191

Deuteranomaly

19.8186, 16.8786, 19.9826

Tritanomaly

24.3698, 17.3220, 15.6947

Monochromacy



Original Color

25.3359, 17.3544, 20.7533

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.1966, 17.0105, 19.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3359, 17.3544, 20.7533 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(179, 84, 123)` looks like.

```
.text, #text, p{  
    color:rgb(179, 84, 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(179, 84, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 84, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.3359, 17.3544, 20.7533 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(179, 84, 123) }
```


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

```
.border{ border-color:rgb(179, 84, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 84, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 84, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 84, 123);  
box-shadow:4px 4px 4px 4px rgb(179, 84,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3359, 17.3544, 20.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 84, 123) }
```

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

```
.background{ background-color: rgb(179, 84,  
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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