

Converting Colors

XYZ(25.4077, 17.1262, 36.7373)

Have a look what the booklet for
XYZ(25.4077, 17.1262, 36.7373)
contains.

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Color

**XYZ(25.3764, 17.1407,
36.6213)**

Conversions

Conversions Part 1

Format	Color
Hex	A555A3
RGB	165, 85, 163
RGB Percent	65%, 33%, 64%
CMY	0.3529, 0.6666, 0.3608
CMYK	0.00, 0.48, 0.01, 0.35
HSL	302°, 32%, 49%
HSV	302°, 48%, 65%
XYZ	25.3764, 17.1407, 36.6213
YIQ	117.8120, 22.6420, 41.2180

Conversions

Conversions Part 2

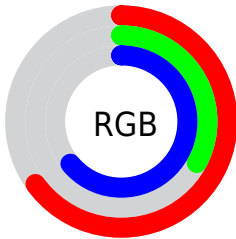
Format	Color
R _Y B	165, 85, 163
Decimal	10835363
CIE Lab	48.44, 44.21, -27.99
CIE LCh	48, 52.329, 327.664
Yxy	17.1407, 0.3207, 0.2166
Android (android.graphics.Color)	4289025443 (0xFFA555A3)
YUV	117.8120, 22.2777, 41.3839
Hunter-Lab	41.4013, 36.9569, -23.4637

Details

The XYZ color **25.3764, 17.1407, 36.6213** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.9225, 29.5303, 13.7205**, and the grayscale version is **17.0894, 17.9794, 19.5795**.

A 20% lighter version of the original color is **51.7248, 38.4829, 71.0314**, and **9.9686, 5.6149, 15.5973** is the 20% darker color. If you saturate the color by 10%, you get **24.1890, 14.8245, 36.0435**, and if you desaturate by 10%, it is **26.8680, 20.0642, 37.3014**.

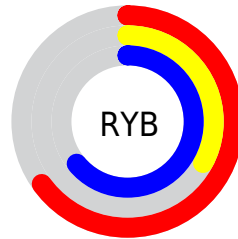
Distribution



Red (65%)

Green (33%)

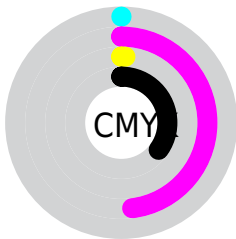
Blue (64%)



Red (65%)

Yellow (33%)

Blue (64%)

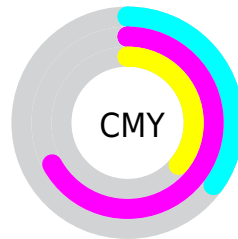


Cyan (0%)

Magenta (48%)

Yellow (1%)

Black (35%)



Cyan (35%)


Magenta (67%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3764, 17.1407, 36.6213 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 25.3764, 17.1407, 36.6213 by changing the saturation by 10% instead.


 25.3764, 17.1407,
36.6213


 25.3764, 17.1407,
36.6213


272.0205,
235.9819, 346.7872


 16.4879, 10.3349,
24.6209


 51.7057, 38.5675,
71.1698


 9.9631, 5.6215,
15.5784


 69.8773, 53.9573,
94.5549


 5.4366, 2.6163,
9.0752


 91.8739, 72.9772,
122.5721

 2.5430, 0.9349,
4.6928

 118.0609, 96.0116,
155.6399

 0.9170, 0.0000,
2.0126

 148.8037,
123.4448, 194.1767

 0.0000, 0.0000,
0.5630

184.4677,

 0.0000, 0.0000,

155.6614, 238.6012

0.0000

225.4182,
193.0456, 289.3319

■ 25.3764, 17.1407,
36.6213

■ 25.3764, 17.1407,
36.6213

■ 24.1890, 14.8245,
36.0435

■ 26.8680, 20.0642,
37.3014

■ 23.2826, 13.0707,
35.5599

■ 28.6813, 23.6314,
38.0891

■ 22.6337, 11.8316,
35.1627


■ 30.8346, 27.8784,
38.9908

■ 22.2141, 11.0509,
34.8424


■ 33.3444, 32.8381,
40.0119


■ 21.9719, 10.6248,
34.5820


■ 36.2259, 38.5411,
41.1575

 21.9392, 10.5682,
34.5438

 39.4937, 45.0164,
42.4325

 43.1614, 52.2914,
43.8413

 47.2420, 60.3920,
45.3885

 51.7480, 69.3431,
47.0779

Harmonies

Analogous

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



20.9520, 17.1407, 53.1194



25.3764, 17.1407, 36.6213



27.3331, 17.1407, 19.7588

Triad

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



25.3764, 17.1407, 36.6213



16.6699, 17.1407, 2.7688



9.4213, 17.1407, 33.7805

Complementary

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



25.3764, 17.1407, 36.6213



18.9225, 29.5303, 13.7205

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.



8.7144, 17.1407, 17.6091



25.3764, 17.1407, 36.6213



12.3794, 17.1407, 3.6950

Square

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



25.3764, 17.1407, 36.6213



21.7301, 17.1407, 4.0723



9.6842, 17.1407, 7.8128



11.8461, 17.1407, 50.9900

Rectangle

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



25.3764, 17.1407, 36.6213



26.7353, 17.1407, 11.7502



9.6842, 17.1407, 7.8128



8.9984, 17.1407, 27.8639

Sweetspot

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



25.3770, 17.1415, 36.6217



56.5929, 52.6351, 70.3918



13.9094, 11.2088, 37.0282



12.1843, 11.1358, 15.3120



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.3770, 17.1415, 36.6217



43.2127, 26.3403, 64.4959



22.3833, 15.9440, 20.8571



7.3566, 7.1991, 8.8645



16.5999, 7.9960, 26.1477



0.3510, 0.1689, 0.5611

Inverse Universe

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



25.3770, 17.1415, 36.6217



43.2127, 26.3403, 64.4959



20.9896, 30.3572, 24.6057



7.3566, 7.1991, 8.8645



16.5999, 7.9960, 26.1477



0.3510, 0.1689, 0.5611

Previews

White Background



This preview shows how the XYZ color 25.3764, 17.1407, 36.6213 looks on a white background.

Color Contrast Check

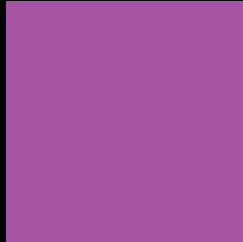
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3764, 17.1407, 36.6213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

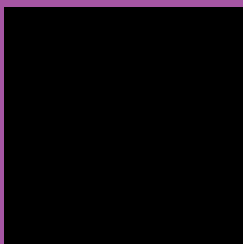
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3764, 17.1407, 36.6213

Background



This preview shows how black text looks on a background with the XYZ color 25.3764, 17.1407, 36.6213.



This preview shows how white text looks on a background with the XYZ color 25.3764, 17.1407,

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

25.3764, 17.1407, 36.6213

Protanopia

18.6985, 17.3817, 48.8239

Deuteranopia

17.7824, 17.3868, 34.7665



Tritanopia

21.0698, 17.0451, 15.8152

Trichromacy



Original Color

25.3764, 17.1407, 36.6213

Protanomaly

19.9564, 16.5597, 44.2640

Deuteranomaly

19.7996, 16.6742, 35.4326

Tritanomaly

22.4431, 16.9381, 22.1652

Monochromacy



Original Color

25.3764, 17.1407, 36.6213

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.4488, 17.1802, 24.8453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3764, 17.1407, 36.6213 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(165, 85, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 85, 163)  
}
```

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(165, 85, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 85, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.3764, 17.1407, 36.6213 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(165, 85, 163) }
```


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

```
.border{ border-color:rgb(165, 85, 163) }
```

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

Here you see how a box with a 4 pixel rgb(165, 85, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 85, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 85, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 85,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3764, 17.1407, 36.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 85, 163) }
```

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

```
.background{ background-color: rgb(165, 85,  
163) }
```

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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