

Converting Colors

XYZ(25.3519, 17.0213, 74.6223)

Have a look what the booklet for
XYZ(25.3519, 17.0213, 74.6223)
contains.

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Color

**XYZ(25.3519, 17.0213,
74.6223)**

Conversions

Conversions Part 1

Format	Color
Hex	785BE3
RGB	120, 91, 227
RGB Percent	47%, 36%, 89%
CMY	0.5294, 0.6431, 0.1098
CMYK	0.47, 0.60, 0.00, 0.11
HSL	253°, 71%, 62%
HSV	253°, 60%, 89%
XYZ	25.3519, 17.0213, 74.6223
YIQ	115.1750, -26.3720, 48.4440

Conversions

Conversions Part 2

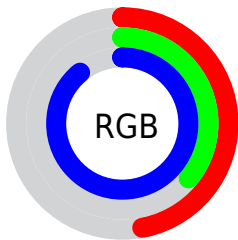
Format	Color
R _{YB}	120, 91, 227
Decimal	7887843
CIE Lab	48.29, 44.76, -65.49
CIE LCh	48, 79.326, 304.348
Yxy	17.0213, 0.2167, 0.1455
Android (android.graphics.Color)	4286077923 (0xFF785BE3)
YUV	115.1750, 55.1297, 4.2315
Hunter-Lab	41.2569, 37.4868, -78.3594

Details

The XYZ color **25.3519, 17.0213, 74.6223** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **52.6456, 67.6992, 20.1903**, and the grayscale version is **16.1932, 17.0365, 18.5528**.

A 20% lighter version of the original color is **46.3134, 36.1497, 99.1444**, and **10.0182, 5.5978, 39.0805** is the 20% darker color. If you saturate the color by 10%, you get **21.4466, 12.5501, 73.9655**, and if you desaturate by 10%, it is **30.3075, 22.9050, 75.4972**.

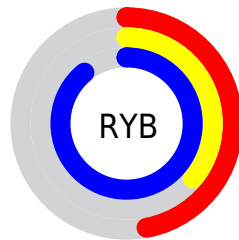
Distribution



Red (47%)

Green (36%)

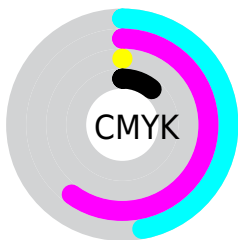
Blue (89%)



Red (47%)

Yellow (36%)

Blue (89%)

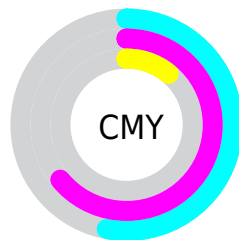


Cyan (47%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (64%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3519, 17.0213, 74.6223 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 25.3519, 17.0213, 74.6223 by changing the saturation by 10% instead.

■ 25.3519, 17.0213,
74.6223

■ 25.3519, 17.0213,
74.6223

271.9013,
235.2951, 495.8391

■ 16.4696, 10.2497,
54.8037

■ 51.6663, 38.3624,
127.5197

■ 9.9500, 5.5648,
38.8470

■ 69.8291, 53.7007,
161.4356

■ 5.4278, 2.5823,
26.3338

■ 91.8161, 72.6633,
200.8877

■ 2.5377, 0.9178,
16.8455

■ 117.9926, 95.6346,
246.2944

■ 0.9143, 0.0000,
9.9636

148.7241,
122.9990, 298.0744

■ 0.0000, 0.0000,
5.2696

184.3758,

■ 0.0000, 0.0000,

155.1410, 356.6461

2.3448

225.3131,
192.4449, 422.4282

■ 0.0000, 0.0000,
0.7561

■ 0.0000, 0.0000,
0.0000

■ 25.3519, 17.0213,
74.6223

■ 25.3519, 17.0213,
74.6223

■ 21.4466, 12.5501,
73.9655

■ 30.3075, 22.9050,
75.4972

■ 18.5085, 9.3671,
73.5060

■ 36.3826, 30.3079,
76.6059

■ 16.4453, 7.3281,
73.2211

■ 43.6432, 39.3279,
77.9642

■ 15.1133, 6.1927,
73.0722

■ 52.1493, 50.0542,
79.5863

■ 15.1036, 6.1845,
73.0711

■ 61.9568, 62.5696,
81.4851

■ 73.1180, 76.9512,
83.6728

■ 85.6826, 93.2718,
86.1607

■ 90.8652, 98.3261,
86.8632

Harmonies

Analogous

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



17.2546, 17.0213, 93.2602



25.3519, 17.0213, 74.6223



32.2130, 17.0213, 41.6475

Triad

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



25.3519, 17.0213, 74.6223



22.9693, 17.0213, 0.8212



5.9025, 17.0213, 21.7167

Complementary

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



25.3519, 17.0213, 74.6223



52.6456, 67.6992, 20.1903

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.



6.6076, 17.0213, 6.0931



25.3519, 17.0213, 74.6223



15.1476, 17.0213, 0.2906

Square

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



25.3519, 17.0213, 74.6223



30.5745, 17.0213, 3.9276



9.5370, 17.0213, 1.2691



7.2046, 17.0213, 51.2704

Rectangle

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



25.3519, 17.0213, 74.6223



34.3178, 17.0213, 22.7350



9.5370, 17.0213, 1.2691



5.9165, 17.0213, 14.8841

Sweetspot

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



25.3527, 17.0218, 74.6227



70.0549, 67.9128, 104.0239



38.7878, 48.9866, 80.0845



14.2446, 13.5840, 22.1212



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.3527, 17.0218, 74.6227



26.8284, 15.1282, 96.1138



37.9049, 23.4927, 75.2102



13.8687, 14.0345, 18.1223



8.8880, 3.6478, 42.6188



0.7339, 0.3093, 3.1530

Inverse Universe

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



45.6126, 27.8904, 56.4038



55.8935, 30.7674, 67.8539



38.8422, 60.5833, 19.5443



14.8566, 14.5598, 17.4451



23.2407, 11.4305, 25.9601



1.7504, 0.8579, 2.0919

Previews

White Background



This preview shows how the XYZ color 25.3519, 17.0213, 74.6223 looks on a white background.

Color Contrast Check

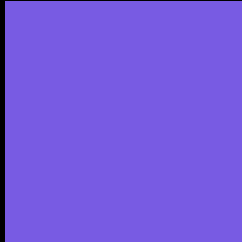
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3519, 17.0213, 74.6223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

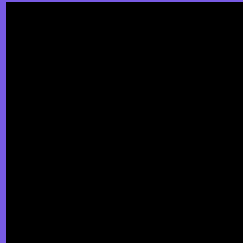
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3519, 17.0213, 74.6223

Background



This preview shows how black text looks on a background with the XYZ color 25.3519, 17.0213, 74.6223.



This preview shows how white text looks on a background with the XYZ color 25.3519, 17.0213,

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

25.3519, 17.0213, 74.6223

Protanopia

20.4272, 17.0924, 80.0644

Deuteranopia

17.2604, 17.0822, 59.5142



Tritanopia

15.0073, 17.0793, 22.9277

Trichromacy



Original Color

25.3519, 17.0213, 74.6223



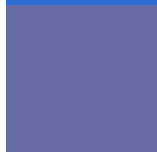
Protanomaly

20.3128, 16.0055, 77.6201



Deuteranomaly

18.2849, 16.0141, 64.4147



Tritanomaly

17.7630, 16.5012, 37.3708

Monochromacy



Original Color

25.3519, 17.0213, 74.6223



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

18.4909, 16.4903, 33.6609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3519, 17.0213, 74.6223 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(120, 91, 227)` looks like.

```
.text, #text, p{  
  color:rgb(120, 91, 227)  
}
```

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(120, 91, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 91, 227) }
```

Border

The CSS property to change the border of an element to XYZ 25.3519, 17.0213, 74.6223 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(120, 91, 227) }
```


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

```
.border{ border-color:rgb(120, 91, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 91, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 91, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 91, 227);  
box-shadow:4px 4px 4px 4px rgb(120, 91,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3519, 17.0213, 74.6223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 91, 227) }
```

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

```
.background{ background-color: rgb(120, 91,  
227) }
```

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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