

Converting Colors

XYZ(17.5064, 18.4187, 36.6876)

Have a look what the booklet for
XYZ(17.5064, 18.4187, 36.6876)
contains.

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Color

**XYZ(17.5754, 18.4570,
36.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	5A79A2
RGB	90, 121, 162
RGB Percent	35%, 47%, 64%
CMY	0.6470, 0.5255, 0.3647
CMYK	0.44, 0.25, 0.00, 0.36
HSL	214°, 29%, 49%
HSV	214°, 44%, 64%
XYZ	17.5754, 18.4570, 36.8187
YIQ	116.4050, -31.6370, 6.1790

Conversions

Conversions Part 2

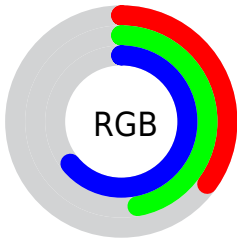
Format	Color
R _Y B	90, 112, 162
Decimal	5929378
CIE Lab	50.05, 0.18, -25.46
CIE LCh	50, 25.465, 270.396
Yxy	18.4570, 0.2413, 0.2534
Android (android.graphics.Color)	4284119458 (0xFF5A79A2)
YUV	116.4050, 22.4783, -23.1572
Hunter-Lab	42.9616, -2.1593, -20.7392

Details

The XYZ color **17.5754, 18.4570, 36.8187** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **24.8627, 24.6529, 13.1217**, and the grayscale version is **16.6653, 17.5332, 19.0937**.

A 20% lighter version of the original color is **38.7956, 40.7365, 71.4638**, and **5.9600, 6.2842, 15.6507** is the 20% darker color. If you saturate the color by 10%, you get **15.1001, 15.5958, 36.3972**, and if you desaturate by 10%, it is **20.5026, 21.7110, 37.2929**.

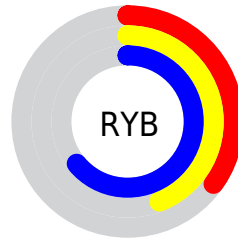
Distribution



Red (35%)

Green (47%)

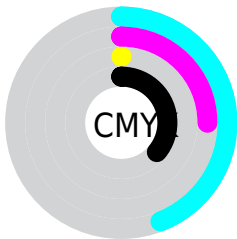
Blue (64%)



Red (35%)

Yellow (44%)

Blue (64%)

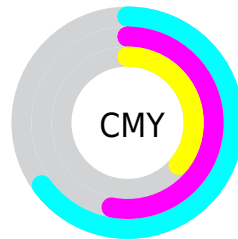


Cyan (44%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5754, 18.4570, 36.8187 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 17.5754, 18.4570, 36.8187 by changing the saturation by 10% instead.

■ 17.5754, 18.4570,
36.8187

■ 17.5754, 18.4570,
36.8187

231.5589,
243.4345, 347.6700

■ 10.7434, 11.2786,
24.7725

■ 38.8483, 40.8145,
71.4771

■ 5.9606, 6.2545,
15.6901

■ 54.0198, 56.7624,
94.9263

■ 2.8616, 3.0005,
9.1532

■ 72.7020, 76.4022,
123.0136

■ 1.0810, 1.1320,
4.7431

■ 95.2601, 100.1184,
156.1574

■ 0.0091, 0.0051,
2.0412

122.0595,
128.2953, 194.7765

■ 0.0000, 0.0000,
0.5804

153.4655,

■ 0.0000, 0.0000,

161.3174, 239.2892

0.0000

189.8435,
199.5690, 290.1142

■ 17.5754, 18.4570,
36.8187

■ 17.5754, 18.4570,
36.8187

■ 15.1001, 15.5958,
36.3972

■ 20.5026, 21.7110,
37.2929

■ 13.0494, 13.1079,
36.0251

■ 23.9032, 25.3722,
37.8203

■ 11.3953, 10.9746,
35.7005

■ 27.7995, 29.4565,
38.4033

■ 10.1058, 9.1743,
35.4210

■ 32.2118, 33.9782,
39.0435

■ 9.1420, 7.6821,
35.1838

■ 37.1591, 38.9512,
39.7426

■ 8.6962, 6.9577,
35.0674

■ 42.6596, 44.3883,
40.5022

■ 48.7305, 50.3021,
41.3237

■ 55.3881, 56.7045,
42.2086

■ 62.6482, 63.6070,
43.1583

Harmonies

Analogous

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



15.3184, 18.4570, 34.2463



17.5754, 18.4570, 36.8187



20.0343, 18.4570, 34.1135

Triad

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



17.5754, 18.4570, 36.8187



21.9249, 18.4570, 14.0174



13.7597, 18.4570, 14.1448

Complementary

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



17.5754, 18.4570, 36.8187



24.8627, 24.6529, 13.1217

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.



15.2670, 18.4570, 10.5661



17.5754, 18.4570, 36.8187



19.9727, 18.4570, 10.5055

Square

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



17.5754, 18.4570, 36.8187



22.6841, 18.4570, 20.0034



17.5103, 18.4570, 9.4044



13.2437, 18.4570, 20.1899

Rectangle

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



17.5754, 18.4570, 36.8187



21.4258, 18.4570, 29.9749



17.5103, 18.4570, 9.4044



14.1599, 18.4570, 12.6687

Sweetspot

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



17.5760, 18.4577, 36.8191



51.3750, 54.4146, 69.8514



21.2206, 29.6481, 26.0066



11.1784, 11.8482, 15.6353



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.



17.5760, 18.4577, 36.8191



27.5915, 28.5238, 66.1075



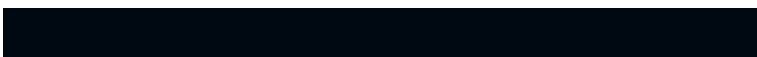
14.8770, 12.3439, 35.7813



6.9395, 7.3381, 8.9537



6.8922, 5.5639, 27.6405



0.1914, 0.2100, 0.5963

Inverse Universe

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



22.0082, 16.3749, 20.0905



36.8849, 25.0900, 30.8214



28.7100, 33.7675, 14.6782



7.1945, 7.1342, 8.0104



12.6244, 6.4058, 5.2125



0.2888, 0.1440, 0.2333

Previews

White Background



This preview shows how the XYZ color 17.5754, 18.4570, 36.8187 looks on a white 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

Black Background



This preview shows how the XYZ color 17.5754, 18.4570, 36.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

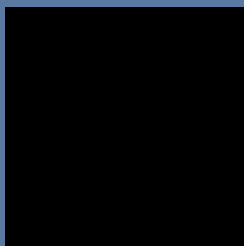
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

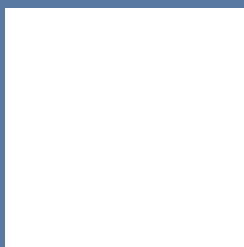
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5754, 18.4570, 36.8187

Background



This preview shows how black text looks on a background with the XYZ color 17.5754, 18.4570, 36.8187.

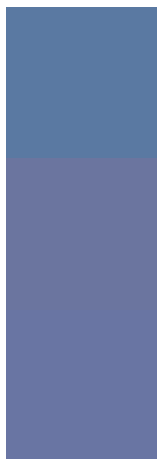


This preview shows how white text looks on a background with the XYZ color 17.5754, 18.4570,

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

17.5754, 18.4570, 36.8187

Protanopia

18.6827, 18.3516, 35.3584

Deuteranopia

18.7978, 18.3702, 37.2054



Tritanopia

15.4721, 18.5383, 26.0553

Trichromacy



Original Color

17.5754, 18.4570, 36.8187

Protanomaly

18.1904, 18.2616, 35.8238

Deuteranomaly

18.3448, 18.3105, 37.2177

Tritanomaly

16.1562, 18.4381, 29.4954

Monochromacy



Original Color

17.5754, 18.4570, 36.8187

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7755, 17.7761, 24.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5754, 18.4570, 36.8187 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(90, 121, 162)` looks like.

```
.text, #text, p{  
    color:rgb(90, 121, 162)  
}
```

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(90, 121, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 121, 162) }
```

Border

The CSS property to change the border of an element to XYZ 17.5754, 18.4570, 36.8187 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(90, 121, 162) }
```


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

```
.border{ border-color:rgb(90, 121, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 121, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 121, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 121, 162);  
box-shadow:4px 4px 4px 4px rgb(90, 121,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5754, 18.4570, 36.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 121, 162) }
```

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

```
.background{ background-color: rgb(90, 121,  
162) }
```

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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