

Converting Colors

XYZ(18.6113, 18.6323, 23.3953)

Have a look what the booklet for
XYZ(18.6113, 18.6323, 23.3953)
contains.

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Color

**XYZ(18.6359, 18.5926,
23.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7581
RGB	124, 117, 129
RGB Percent	49%, 46%, 51%
CMY	0.5137, 0.5412, 0.4941
CMYK	0.04, 0.09, 0.00, 0.49
HSL	275°, 5%, 48%
HSV	275°, 9%, 51%
XYZ	18.6359, 18.5926, 23.3754
YIQ	120.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

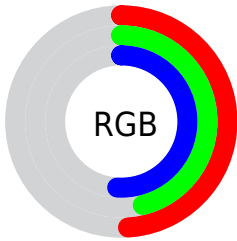
Format	Color
R_{YB}	124, 117, 129
Decimal	8156545
CIE Lab	50.21, 5.10, -5.61
CIE LCh	50, 7.577, 312.288
Yxy	18.5926, 0.3075, 0.3068
Android (android.graphics.Color)	4286346625 (0xFF7C7581)
YUV	120.4610, 4.2097, 3.1037
Hunter-Lab	43.1191, 1.6884, -1.9584

Details

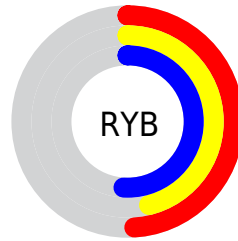
The XYZ color **18.6359, 18.5926, 23.3754** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0878, 21.1229, 19.9016**, and the grayscale version is **17.9876, 18.9243, 20.6086**.

A 20% lighter version of the original color is **40.7629, 41.1004, 50.0407**, and **6.4777, 6.3313, 8.4701** is the 20% darker color. If you saturate the color by 10%, you get **16.4796, 15.4018, 22.8734**, and if you desaturate by 10%, it is **21.0428, 22.2211, 23.9492**.

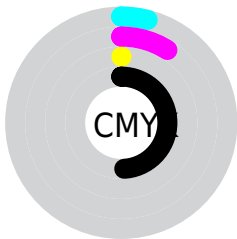
Distribution



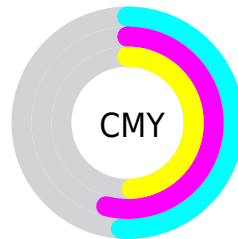
- Red (49%)
- Green (46%)
- Blue (51%)



- Red (49%)
- Yellow (46%)
- Blue (51%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6359, 18.5926, 23.3754 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 18.6359, 18.5926, 23.3754 by changing the saturation by 10% instead.

■ 18.6359, 18.5926,
23.3754

■ 18.6359, 18.5926,
23.3754

237.4082,
244.1904, 282.8315

■ 11.5099, 11.3763,
14.6630

■ 40.6396, 41.0445,
49.9400

■ 6.4807, 6.3205,
8.4393

■ 56.2480, 57.0490,
68.6293

■ 3.1830, 3.0409,
4.2855

■ 75.4146, 76.7515,
91.4813

■ 1.2512, 1.1531,
1.7832

98.5048, 100.5366,
118.9147

■ 0.1463, 0.0229,
0.4169

125.8839,
128.7887, 151.3478

■ 0.0000, 0.0000,
0.0000

157.9173,

161.8920, 189.1993

194.9702,
200.2311, 232.8876

■ 18.6359, 18.5926,
23.3754

■ 18.6359, 18.5926,
23.3754

■ 16.4796, 15.4018,
22.8734

■ 21.0428, 22.2211,
23.9492

■ 14.5631, 12.6292,
22.4393

■ 23.7073, 26.3012,
24.5963

■ 12.8774, 10.2571,
22.0703

■ 26.6380, 30.8490,
25.3196

■ 11.4121, 8.2659,
21.7632

■ 29.8428, 35.8791,
26.1216

■ 10.1559, 6.6342,
21.5144

■ 33.3291, 41.4056,
27.0046

■ 9.0963, 5.3382,
21.3201

■ 37.1040, 47.4418,
27.9708

■ 8.2196, 4.3514,
21.1758

■ 41.1744, 54.0006,
29.0222

■ 7.5098, 3.6429,
21.0765

■ 45.5469, 61.0945,
30.1610

■ 6.9226, 3.1255,
21.0076

■ 50.2281, 68.7355,
31.3891

Harmonies

Analogous

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



17.9730, 18.5926, 24.4443



18.6359, 18.5926, 23.3754



19.0469, 18.5926, 21.4956

Triad

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



18.6359, 18.5926, 23.3754



18.1034, 18.5926, 16.6415



16.3317, 18.5926, 21.1144

Complementary

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



18.6359, 18.5926, 23.3754



19.0878, 21.1229, 19.9016

Split Complementary

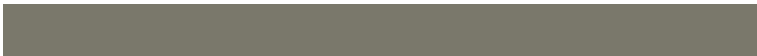
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.3644, 18.5926, 19.0423



18.6359, 18.5926, 23.3754



17.3738, 18.5926, 16.5550

Square

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



18.6359, 18.5926, 23.3754



18.7337, 18.5926, 17.6509



16.7414, 18.5926, 17.4059



16.6507, 18.5926, 23.0798

Rectangle

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



18.6359, 18.5926, 23.3754



19.1159, 18.5926, 20.0836



16.7414, 18.5926, 17.4059



16.3021, 18.5926, 20.4056

Sweetspot

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



18.6364, 18.5934, 23.3758



36.0047, 37.2501, 42.4848



18.2834, 19.3358, 23.5377



8.0775, 8.3228, 9.5991



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.6364, 18.5934, 23.3758



32.5828, 32.1172, 41.6744



19.3245, 18.9542, 23.1315



4.3303, 4.3259, 5.4200



6.7159, 3.0159, 20.4781



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.9280, 18.7956, 21.0435



33.2135, 32.5541, 36.6564



18.4452, 20.7862, 20.1181



4.3963, 4.3717, 4.8915



9.4727, 4.8088, 3.8130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.6359, 18.5926, 23.3754 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 18.6359, 18.5926, 23.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

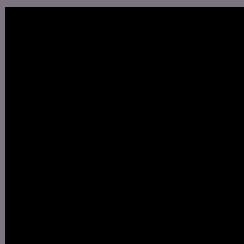
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6359, 18.5926, 23.3754

Background



This preview shows how black text looks on a background with the XYZ color 18.6359, 18.5926, 23.3754.



This preview shows how white text looks on a background with the XYZ color 18.6359, 18.5926,

23.3754.

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

18.6359, 18.5926, 23.3754

Protanopia

18.0973, 18.6569, 23.7664

Deuteranopia

18.9602, 18.5878, 23.3574



Tritanopia

18.5042, 18.5400, 22.6820

Trichromacy



Original Color

18.6359, 18.5926, 23.3754

Protanomaly

18.2534, 18.5616, 23.7398

Deuteranomaly

18.8120, 18.5114, 23.3504

Tritanomaly

18.5698, 18.5662, 23.0270

Monochromacy



Original Color

18.6359, 18.5926, 23.3754

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0571, 18.6887, 21.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6359, 18.5926, 23.3754 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(124, 117, 129)` looks like.

```
.text, #text, p{  
    color:rgb(124, 117, 129)  
}
```

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(124, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 117, 129) }
```

Border

The CSS property to change the border of an element to XYZ 18.6359, 18.5926, 23.3754 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(124, 117, 129) }
```


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

```
.border{ border-color:rgb(124, 117, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 117, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 117, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 117, 129);  
box-shadow:4px 4px 4px 4px rgb(124, 117,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6359, 18.5926, 23.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 117, 129) }
```

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

```
.background{ background-color: rgb(124,  
117, 129) }
```

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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