

Converting Colors

XYZ(17.0534, 18.3251, 53.7344)

Have a look what the booklet for
XYZ(17.0534, 18.3251, 53.7344)
contains.

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Color

**XYZ(17.0704, 18.3749,
53.6859)**

Conversions

Conversions Part 1

Format	Color
Hex	0A7CC2
RGB	10, 124, 194
RGB Percent	4%, 49%, 76%
CMY	0.9606, 0.5137, 0.2392
CMYK	0.95, 0.36, 0.00, 0.24
HSL	203°, 90%, 40%
HSV	203°, 95%, 76%
XYZ	17.0704, 18.3749, 53.6859
YIQ	97.8940, -90.4140, -2.3980

Conversions

Conversions Part 2

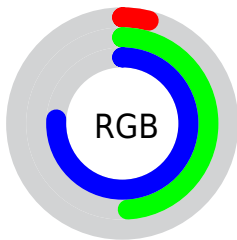
Format	Color
RYB	10, 80, 194
Decimal	687298
CIELab	49.95, -2.16, -44.30
CIELCh	50, 44.352, 267.214
Yxy	18.3749, 0.1915, 0.2062
Android (android.graphics.Color)	4278877378 (0xFF0A7CC2)
YUV	97.8940, 47.3803, -77.0830
Hunter-Lab	42.8660, -3.9318, -44.2494

Details

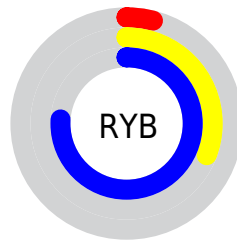
The XYZ color **17.0704, 18.3749, 53.6859** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **25.1746, 17.2341, 2.2879**, and the grayscale version is **11.4883, 12.0866, 13.1623**.

A 20% lighter version of the original color is **37.9749, 40.6124, 97.1043**, and **7.3181, 7.0623, 25.7884** is the 20% darker color. If you saturate the color by 10%, you get **16.4761, 17.3719, 53.5240**, and if you desaturate by 10%, it is **18.4247, 20.4984, 54.0248**.

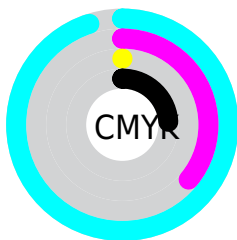
Distribution



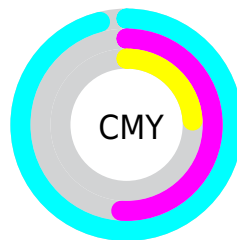
- Red (4%)
- Green (49%)
- Blue (76%)



- Red (4%)
- Yellow (31%)
- Blue (76%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0704, 18.3749, 53.6859 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 17.0704, 18.3749, 53.6859 by changing the saturation by 10% instead.

■ 17.0704, 18.3749,
53.6859

■ 17.0704, 18.3749,
53.6859

228.7261,
242.9758, 418.0518

■ 10.3803, 11.2195,
37.9591

■ 37.9894, 40.6751,
97.0647

■ 5.7160, 6.2147,
25.6494

■ 52.9490, 56.5887,
125.5537

■ 2.7122, 2.9760,
16.3381

■ 71.3959, 76.1905,
159.1340

■ 1.0035, 1.1192,
9.6068

■ 93.6954, 99.8648,
198.2239

■ 0.0000, 0.0000,
5.0369

■ 120.2127,
127.9961, 243.2422

■ 0.0000, 0.0000,
2.2098

■ 151.3134,

■ 0.0000, 0.0000,

160.9688, 294.6072

0.6800

187.3628,
199.1672, 352.7376

■ 0.0000, 0.0000,
0.0000

■ 17.0704, 18.3749,
53.6859

■ 17.0704, 18.3749,
53.6859

■ 16.4761, 17.3719,
53.5240

■ 18.4247, 20.4984,
54.0248

■ 20.1951, 22.9413,
54.4030

■ 22.4397, 25.7356,
54.8241

■ 25.2059, 28.9081,
55.2906

■ 28.5348, 32.4817,
55.8049

■ 32.4632, 36.4774,
56.3691

■ 37.0244, 40.9143,
56.9852

■ 42.2493, 45.8100,
57.6547

■ 48.1664, 51.1813,
58.3796

Harmonies

Analogous

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



13.4015, 18.3749, 46.8499



17.0704, 18.3749, 53.6859



21.4764, 18.3749, 48.8856

Triad

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



17.0704, 18.3749, 53.6859



25.7902, 18.3749, 11.0967



11.4542, 18.3749, 9.8185

Complementary

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



17.0704, 18.3749, 53.6859



25.1746, 17.2341, 2.2879

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.



13.9867, 18.3749, 5.5737



17.0704, 18.3749, 53.6859



22.2761, 18.3749, 6.0734

Square

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



17.0704, 18.3749, 53.6859



26.9687, 18.3749, 21.1670



17.8652, 18.3749, 4.5500



10.5059, 18.3749, 18.8905

Rectangle

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



17.0704, 18.3749, 53.6859



24.1775, 18.3749, 40.4963



17.8652, 18.3749, 4.5500



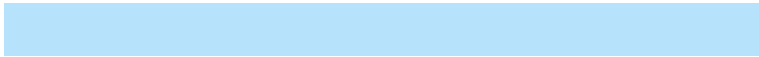
12.1260, 18.3749, 7.9455

Sweetspot

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



17.0711, 18.3755, 53.6864



63.9529, 71.1234, 102.8273



20.7745, 39.1914, 13.5821



13.2180, 14.8071, 22.4113



0.0000, 0.0000, 0.0000



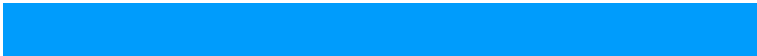
20.3446, 21.4041, 23.3091

Same Dimension

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



17.0711, 18.3755, 53.6864



29.5963, 30.9653, 96.8868



10.4516, 5.1365, 51.4799



10.0362, 10.7637, 12.8335



10.9136, 11.5837, 35.2173



0.5363, 0.6301, 1.5432

Inverse Universe

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



25.9954, 13.1426, 20.2359



46.3420, 23.1931, 33.6607



36.5793, 40.0433, 6.0894



10.3296, 10.1804, 11.8260



16.9047, 8.4516, 12.6759



0.7631, 0.3783, 0.7199

Previews

White Background



This preview shows how the XYZ color 17.0704, 18.3749, 53.6859 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 17.0704, 18.3749, 53.6859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

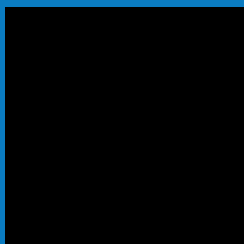
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0704, 18.3749, 53.6859

Background



This preview shows how black text looks on a background with the XYZ color 17.0704, 18.3749, 53.6859.



This preview shows how white text looks on a background with the XYZ color 17.0704, 18.3749,

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

17.0704, 18.3749, 53.6859

Protanopia

19.6287, 18.3539, 49.5218

Deuteranopia

18.8310, 18.3627, 54.1816



Tritanopia

12.9240, 18.1557, 28.0225

Trichromacy



Original Color

17.0704, 18.3749, 53.6859

Protanomaly

17.8777, 17.9355, 51.2348

Deuteranomaly

17.8600, 18.2192, 54.2051

Tritanomaly

14.1144, 18.0022, 35.9886

Monochromacy



Original Color

17.0704, 18.3749, 53.6859

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.7381, 13.3671, 24.1517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0704, 18.3749, 53.6859 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(10, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(10, 124, 194)  
}
```

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(10, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 124, 194) }
```

Border

The CSS property to change the border of an element to XYZ 17.0704, 18.3749, 53.6859 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(10, 124, 194) }
```


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

```
.border{ border-color:rgb(10, 124, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 124, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(10, 124,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0704, 18.3749, 53.6859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 124, 194) }
```

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

```
.background{ background-color: rgb(10, 124,  
194) }
```

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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