

Converting Colors

XYZ(14.8365, 19.2177, 54.6788)

Have a look what the booklet for
XYZ(14.8365, 19.2177, 54.6788)
contains.

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Color

**XYZ(18.3754, 20.9903,
54.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	0086C3
RGB	0, 134, 195
RGB Percent	0%, 53%, 76%
CMY	0.9998, 0.4745, 0.2353
CMYK	1.00, 0.31, 0.00, 0.24
HSL	199°, 100%, 38%
HSV	199°, 100%, 76%
XYZ	18.3754, 20.9903, 54.7128
YIQ	100.8880, -99.4450, -9.4370

Conversions

Conversions Part 2

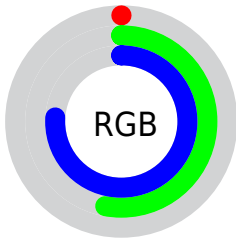
Format	Color
RYB	0, 79, 195
Decimal	34499
CIELab	52.94, -8.04, -40.14
CIElCh	53, 40.940, 258.680
Yxy	20.9903, 0.1953, 0.2231
Android (android.graphics.Color)	4278224579 (0xFF0086C3)
YUV	100.8880, 46.3972, -88.4788
Hunter-Lab	45.8152, -8.5844, -38.7339

Details

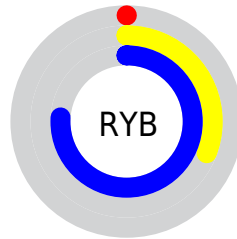
The XYZ color **18.3754, 20.9903, 54.7128** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **24.1770, 14.9440, 1.6114**, and the grayscale version is **12.2467, 12.8845, 14.0312**.

A 20% lighter version of the original color is **40.2708, 45.1103, 98.6801**, and **8.0562, 8.4201, 26.3999** is the 20% darker color. If you saturate the color by 10%, you get **18.3739, 20.9872, 54.7127**, and if you desaturate by 10%, it is **19.5227, 22.8703, 55.0157**.

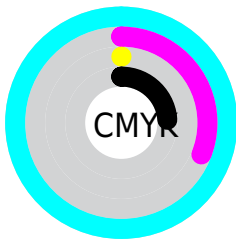
Distribution



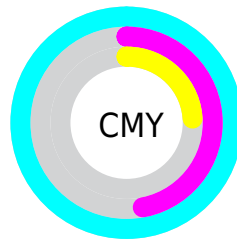
- Red (0%)
- Green (53%)
- Blue (76%)



- Red (0%)
- Yellow (31%)
- Blue (76%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3754, 20.9903, 54.7128 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 18.3754, 20.9903, 54.7128 by changing the saturation by 10% instead.

■ 18.3754, 20.9903,
54.7128

■ 18.3754, 20.9903,
54.7128

■ 235.9834,
257.2269, 422.0736

■ 11.3212, 13.1169,
38.7748

■ 40.2011, 45.0714,
98.5870

■ 6.3522, 7.5091,
26.2781

■ 55.7032, 62.0479,
127.3602

■ 3.1031, 3.7825,
16.8042

■ 74.7520, 82.8275,
161.2489

■ 1.2085, 1.5526,
9.9345

■ 97.7128, 107.7947,
200.6716

■ 0.1131, 0.3254,
5.2505

■ 124.9510,
137.3339, 246.0469

■ 0.0000, 0.0000,
2.3337

■ 156.8319,

■ 0.0000, 0.0000,

171.8294, 297.7933

0.7500

193.7210,
211.6656, 356.3293

■ 0.0000, 0.0000,
0.0000

■ 18.3754, 20.9903,
54.7128

■ 18.3754, 20.9903,
54.7128

■ 18.3739, 20.9872,
54.7127

■ 19.5227, 22.8703,
55.0157

■ 20.9990, 24.9929,
55.3476

■ 22.9047, 27.4116,
55.7140

■ 25.2919, 30.1541,
56.1175

■ 28.2045, 33.2443,
56.5605

■ 31.6811, 36.7031,
57.0448

■ 35.7567, 40.5496,
57.5725

■ 40.4632, 44.8012,
58.1451

■ 45.8301, 49.4743,
58.7642

Harmonies

Analogous

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



14.9863, 20.9903, 45.5750



18.3754, 20.9903, 54.7128



22.7099, 20.9903, 53.3207

Triad

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



18.3754, 20.9903, 54.7128



28.8262, 20.9903, 16.0948



14.3763, 20.9903, 10.5393

Complementary

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



18.3754, 20.9903, 54.7128



24.1770, 14.9440, 1.6114

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.



17.4244, 20.9903, 6.9887



18.3754, 20.9903, 54.7128



25.9055, 20.9903, 9.3109

Square

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



18.3754, 20.9903, 54.7128



29.1778, 20.9903, 27.8110



21.6134, 20.9903, 6.6386



12.9081, 20.9903, 18.5256

Rectangle

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



18.3754, 20.9903, 54.7128



25.5607, 20.9903, 46.6922



21.6134, 20.9903, 6.6386



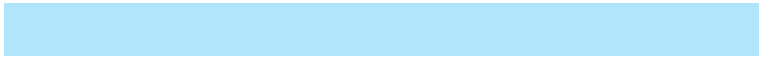
15.2281, 20.9903, 8.9318

Sweetspot

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



18.3762, 20.9910, 54.7133



63.6600, 72.2731, 103.0646



20.2930, 39.3417, 10.5980



13.2290, 15.1626, 22.4794



0.0000, 0.0000, 0.0000



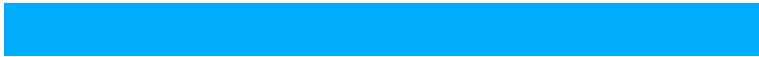
20.3446, 21.4041, 23.3091

Same Dimension

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



18.3762, 20.9910, 54.7133



32.6746, 37.1219, 97.9129



10.5775, 5.3936, 52.1138



10.0941, 10.8795, 12.8528



12.0198, 13.7961, 35.5860



0.5786, 0.7147, 1.5573

Inverse Universe

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



26.8095, 13.3243, 23.7136



47.8958, 23.8147, 41.8428



34.3960, 35.3821, 5.0177



10.3588, 10.1921, 11.9800



17.4630, 8.6750, 15.6162



0.7844, 0.3868, 0.8323

Previews

White Background



This preview shows how the XYZ color 18.3754, 20.9903, 54.7128 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 18.3754, 20.9903, 54.7128 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

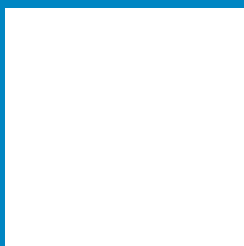
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3754, 20.9903, 54.7128

Background



This preview shows how black text looks on a background with the XYZ color 18.3754, 20.9903, 54.7128.



This preview shows how white text looks on a background with the XYZ color 18.3754, 20.9903,

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

18.3754, 20.9903, 54.7128

Protanopia

21.8963, 20.9637, 49.3467

Deuteranopia

21.5634, 21.0276, 55.7455



Tritanopia

14.8831, 20.9582, 32.1151

Trichromacy



Original Color

18.3754, 20.9903, 54.7128

Protanomaly

19.2192, 20.3058, 51.0506

Deuteranomaly

19.4449, 20.5268, 55.1618

Tritanomaly

15.9714, 20.9301, 39.2745

Monochromacy



Original Color

18.3754, 20.9903, 54.7128

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.3927, 14.6495, 25.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3754, 20.9903, 54.7128 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(0, 134, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 195)  
}
```

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(0, 134, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 195) }
```

Border

The CSS property to change the border of an element to XYZ 18.3754, 20.9903, 54.7128 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(0, 134, 195) }
```


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

```
.border{ border-color:rgb(0, 134, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3754, 20.9903, 54.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 195) }
```

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

```
.background{ background-color: rgb(0, 134,  
195) }
```

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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