

Converting Colors

XYZ(17.5064, 18.4187, 53.0403)

Have a look what the booklet for
XYZ(17.5064, 18.4187, 53.0403)
contains.

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Color

**XYZ(17.5079, 18.4282,
53.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	267BC1
RGB	38, 123, 193
RGB Percent	15%, 48%, 76%
CMY	0.8509, 0.5176, 0.2431
CMYK	0.80, 0.36, 0.00, 0.24
HSL	207°, 67%, 45%
HSV	207°, 80%, 76%
XYZ	17.5079, 18.4282, 53.0863
YIQ	105.5650, -73.1300, 3.7500

Conversions

Conversions Part 2

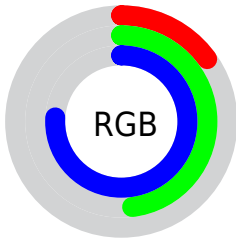
Format	Color
R_{YB}	38, 93, 193
Decimal	2522049
CIE _{Lab}	50.01, -0.04, -43.60
CIE _{LCh}	50, 43.599, 269.946
Yxy	18.4282, 0.1967, 0.2070
Android (android.graphics.Color)	4280712129 (0xFF267BC1)
YUV	105.5650, 43.1055, -59.2545
Hunter-Lab	42.9281, -2.3242, -43.2703

Details

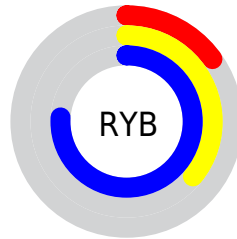
The XYZ color **17.5079, 18.4282, 53.0863** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **27.7065, 22.2055, 4.6607**, and the grayscale version is **13.4826, 14.1847, 15.4472**.

A 20% lighter version of the original color is **38.7696, 40.7502, 96.2647**, and **7.1763, 6.8962, 25.3790** is the 20% darker color. If you saturate the color by 10%, you get **15.9381, 16.0847, 52.7171**, and if you desaturate by 10%, it is **19.5440, 21.1555, 53.5058**.

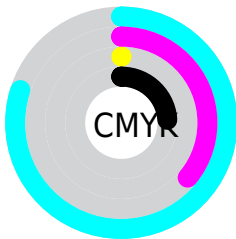
Distribution



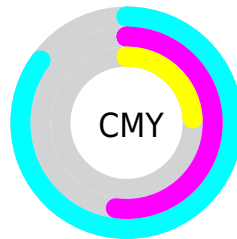
- Red (15%)
- Green (48%)
- Blue (76%)



- Red (15%)
- Yellow (36%)
- Blue (76%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5079, 18.4282, 53.0863 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 17.5079, 18.4282, 53.0863 by changing the saturation by 10% instead.

■ 17.5079, 18.4282,
53.0863

■ 17.5079, 18.4282,
53.0863

231.1821,
243.2736, 415.6918

■ 10.6948, 11.2578,
37.4835

■ 38.7337, 40.7656,
96.1742

■ 5.9278, 6.2405,
25.2833

■ 53.8771, 56.7015,
124.4963

■ 2.8415, 2.9919,
16.0673

■ 72.5280, 76.3280,
157.8953

■ 1.0705, 1.1275,
9.4169

■ 95.0517, 100.0295,
196.7897

■ 0.0002, 0.0013,
4.9136

■ 121.8136,
128.1904, 241.5980

■ 0.0000, 0.0000,
2.1388

153.1791,

■ 0.0000, 0.0000,

161.1952, 292.7387

0.6387

189.5135,
199.4281, 350.6305

■ 0.0000, 0.0000,
0.0000

■ 17.5079, 18.4282,
53.0863

■ 17.5079, 18.4282,
53.0863

■ 15.9381, 16.0847,
52.7171

■ 19.5440, 21.1555,
53.5058

■ 14.7625, 14.1238,
52.4006

■ 22.0969, 24.2955,
53.9773

■ 25.2119, 27.8753,
54.5041

■ 28.9285, 31.9185,
55.0887

■ 33.2822, 36.4466,
55.7332

■ 38.3056, 41.4797,
56.4399

■ 44.0289, 47.0363,
57.2108

■ 50.4805, 53.1341,
58.0478

■ 57.6870, 59.7895,
58.9526

Harmonies

Analogous

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



13.7846, 18.4282, 47.3740



17.5079, 18.4282, 53.0863



21.8501, 18.4282, 47.4124

Triad

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



17.5079, 18.4282, 53.0863



25.4596, 18.4282, 10.6151



11.4297, 18.4282, 10.5906

Complementary

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



17.5079, 18.4282, 53.0863



27.7065, 22.2055, 4.6607

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.



13.7957, 18.4282, 5.9827



17.5079, 18.4282, 53.0863



21.8652, 18.4282, 5.9924

Square

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



17.5079, 18.4282, 53.0863



26.8640, 18.4282, 20.0868



17.5230, 18.4282, 4.7112



10.6345, 18.4282, 20.0436

Rectangle

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



17.5079, 18.4282, 53.0863



24.4297, 18.4282, 38.8627



17.5230, 18.4282, 4.7112



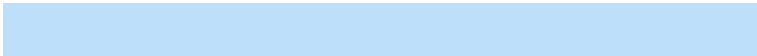
12.0469, 18.4282, 8.5836

Sweetspot

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



17.5086, 18.4288, 53.0868



64.7933, 70.5081, 100.5547



22.5638, 39.6301, 20.5800



13.2154, 14.4379, 21.4756



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



17.5086, 18.4288, 53.0868



26.9706, 26.1721, 93.9905



11.3933, 6.1981, 51.0483



9.9758, 10.6429, 12.8133



9.8995, 9.5556, 34.8793



0.4958, 0.5490, 1.5297

Inverse Universe

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



26.2613, 14.1547, 20.0872



44.3456, 22.4620, 27.4119



39.7441, 46.2807, 8.6732



10.2991, 10.1682, 11.6655



16.3928, 8.2469, 9.9805



0.7427, 0.3701, 0.6122

Previews

White Background



This preview shows how the XYZ color 17.5079, 18.4282, 53.0863 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 17.5079, 18.4282, 53.0863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

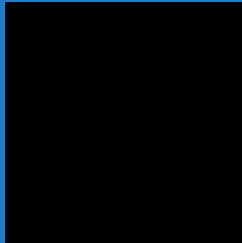
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5079, 18.4282, 53.0863

Background



This preview shows how black text looks on a background with the XYZ color 17.5079, 18.4282, 53.0863.



This preview shows how white text looks on a background with the XYZ color 17.5079, 18.4282,

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

17.5079, 18.4282, 53.0863

Protanopia

19.6287, 18.3539, 49.5218

Deuteranopia

18.9330, 18.4283, 53.5981



Tritanopia

13.0590, 18.4256, 28.0675

Trichromacy



Original Color

17.5079, 18.4282, 53.0863

Protanomaly

18.4546, 18.2455, 50.6932

Deuteranomaly

18.2577, 18.2578, 53.6008

Tritanomaly

14.3765, 18.3319, 36.0384

Monochromacy



Original Color

17.5079, 18.4282, 53.0863

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7750, 15.1726, 26.2474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5079, 18.4282, 53.0863 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(38, 123, 193)` looks like.

```
.text, #text, p{  
    color:rgb(38, 123, 193)  
}
```

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(38, 123, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 123, 193) }
```

Border

The CSS property to change the border of an element to XYZ 17.5079, 18.4282, 53.0863 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(38, 123, 193) }
```


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

```
.border{ border-color:rgb(38, 123, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 123, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 123, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 123, 193);  
box-shadow:4px 4px 4px 4px rgb(38, 123,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5079, 18.4282, 53.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 123, 193) }
```

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

```
.background{ background-color: rgb(38, 123,  
193) }
```

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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