

Converting Colors

XYZ(18.1185, 25.8516, 35.2885)

Have a look what the booklet for
XYZ(18.1185, 25.8516, 35.2885)
contains.

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Color

**XYZ(18.1214, 25.8028,
35.4778)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9A9C
RGB	31, 154, 156
RGB Percent	12%, 60%, 61%
CMY	0.8784, 0.3961, 0.3882
CMYK	0.80, 0.01, 0.00, 0.39
HSL	181°, 67%, 37%
HSV	181°, 80%, 61%
XYZ	18.1214, 25.8028, 35.4778
YIQ	117.4510, -73.9500, -25.4540

Conversions

Conversions Part 2

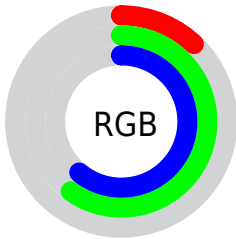
Format	Color
R_{YB}	31, 93, 156
Decimal	2071196
CIE _{Lab}	57.85, -30.54, -10.30
CIE _{LCh}	58, 32.230, 198.634
Yxy	25.8028, 0.2282, 0.3250
Android (android.graphics.Color)	4280261276 (0xFF1F9A9C)
YUV	117.4510, 19.0047, -75.8175
Hunter-Lab	50.7965, -25.2148, -5.8524




Details

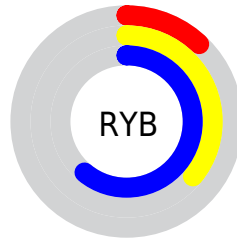
The XYZ color **18.1214, 25.8028, 35.4778** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.5020, 8.2552, 2.1261**, and the grayscale version is **17.0089, 17.8947, 19.4874**.




A 20% lighter version of the original color is **39.8002, 53.0208, 69.1091**, and **7.3012, 10.5227, 15.0109** is the 20% darker color. If you saturate the color by 10%, you get **17.7194, 25.5351, 35.4478**, and if you desaturate by 10%, it is **18.7524, 26.1898, 35.5197**.

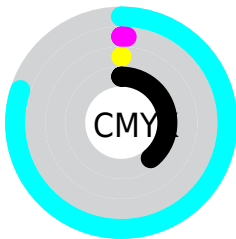
Distribution







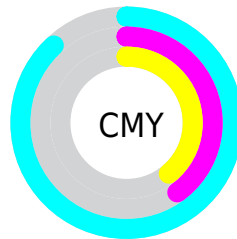
-  Red (12%)
-  Green (60%)
-  Blue (61%)






-  Red (12%)
-  Yellow (36%)
-  Blue (61%)



-  Cyan (80%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (88%)
-  Magenta (40%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1214, 25.8028, 35.4778 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 18.1214, 25.8028, 35.4778 by changing the saturation by 10% instead.

■ 18.1214, 25.8028,
35.4778

■ 18.1214, 25.8028,
35.4778

234.5868,
281.8127, 341.6404

■ 11.1374, 16.6762,
23.7447

■ 39.7725, 52.9566,
69.3852

■ 6.2273, 10.0039,
14.9339

■ 55.1704, 71.7526,
92.3966

■ 3.0258, 5.4015,
8.6269

■ 74.1036, 94.5406,
120.0045

■ 1.1674, 2.4847,
4.4052

■ 96.9374, 121.7048,
152.6275

■ 0.0804, 0.8690,
1.8501

■ 124.0373,
153.6297, 190.6840

■ 0.0000, 0.0000,
0.4607

■ 155.7686,

■ 0.0000, 0.0000,

190.6998, 234.5926

0.0000

192.4967,
233.2993, 284.7719

■ 18.1214, 25.8028,
35.4778

■ 18.1214, 25.8028,
35.4778

■ 17.7194, 25.5351,
35.4478

■ 18.7524, 26.1898,
35.5197

■ 17.4751, 25.3490,
35.4247

■ 19.6391, 26.7083,
35.5731

■ 20.8071, 27.3718,
35.6396

■ 22.2780, 28.1917,
35.7203

■ 24.0717, 29.1780,
35.8161

■ 26.2061, 30.3402,
35.9280

■ 28.6978, 31.6867,
36.0565

■ 31.5626, 33.2256,
36.2026

■ 34.8150, 34.9645,
36.3668

Harmonies

Analogous

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



17.9224, 25.8028, 24.0964



18.1214, 25.8028, 35.4778



19.9237, 25.8028, 47.3409

Triad

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



18.1214, 25.8028, 35.4778



30.5512, 25.8028, 44.6846



26.0225, 25.8028, 11.9398

Complementary

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



18.1214, 25.8028, 35.4778



14.5020, 8.2552, 2.1261

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.



29.7847, 25.8028, 14.9323



18.1214, 25.8028, 35.4778



32.5771, 25.8028, 32.5128

Square

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



18.1214, 25.8028, 35.4778



26.9828, 25.8028, 53.5481



32.2827, 25.8028, 21.8146



22.2207, 25.8028, 12.3398

Rectangle

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



18.1214, 25.8028, 35.4778



21.9096, 25.8028, 53.0149



32.2827, 25.8028, 21.8146



27.3402, 25.8028, 12.5420

Sweetspot

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



18.1222, 25.8038, 35.4784



45.8316, 54.1466, 65.1625



12.7015, 24.1677, 5.2924



9.8072, 11.7633, 14.3240



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.1222, 25.8038, 35.4784



31.8572, 46.1243, 64.3506



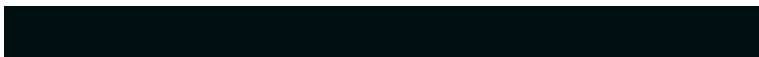
10.5251, 10.6095, 32.9460



6.8128, 7.4913, 8.4936



14.3965, 20.8846, 29.1796



0.2600, 0.3786, 0.5226

Inverse Universe

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



20.0337, 10.3817, 31.5208



35.5175, 17.2254, 56.6301



17.9168, 15.0847, 3.2643



6.8996, 6.7528, 8.3223



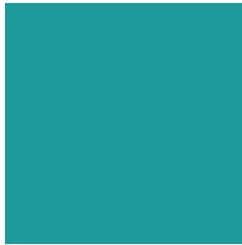
16.0649, 7.7305, 25.6565



0.2885, 0.1387, 0.4656

Previews

White Background



This preview shows how the XYZ color 18.1214, 25.8028, 35.4778 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 18.1214, 25.8028, 35.4778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

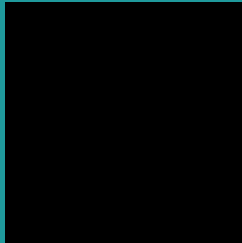
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.1214, 25.8028, 35.4778

Background



This preview shows how black text looks on a background with the XYZ color 18.1214, 25.8028, 35.4778.

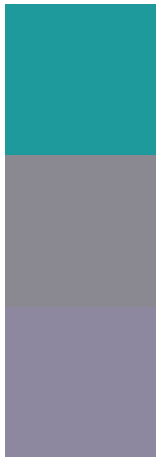


This preview shows how white text looks on a background with the XYZ color 18.1214, 25.8028,

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

18.1214, 25.8028, 35.4778

Protanopia

24.6152, 25.3699, 30.7937

Deuteranopia

25.9936, 25.5287, 36.8152



Tritanopia

19.0195, 25.9304, 39.5999

Trichromacy



Original Color

18.1214, 25.8028, 35.4778

Protanomaly

20.4731, 24.4996, 32.5040

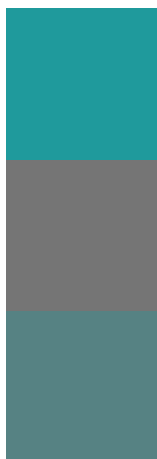
Deuteranomaly

21.2978, 24.6159, 36.4297

Tritanomaly

18.6404, 25.7662, 38.1733

Monochromacy



Original Color

18.1214, 25.8028, 35.4778

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9171, 19.5824, 24.4136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1214, 25.8028, 35.4778 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(31, 154, 156)` looks like.

```
.text, #text, p{  
    color:rgb(31, 154, 156)  
}
```

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(31, 154, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 154, 156) }
```

Border

The CSS property to change the border of an element to XYZ 18.1214, 25.8028, 35.4778 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(31, 154, 156) }
```


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

```
.border{ border-color:rgb(31, 154, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 154, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 154, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 154, 156);  
box-shadow:4px 4px 4px 4px rgb(31, 154,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1214, 25.8028, 35.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 154, 156) }
```

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

```
.background{ background-color: rgb(31, 154,  
156) }
```

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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