

Converting Colors

XYZ(17.8344, 25.9610, 34.3579)

Have a look what the booklet for
XYZ(17.8344, 25.9610, 34.3579)
contains.

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Color

**XYZ(17.7804, 25.9020,
34.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	159B99
RGB	21, 155, 153
RGB Percent	8%, 61%, 60%
CMY	0.9176, 0.3921, 0.4000
CMYK	0.86, 0.00, 0.01, 0.39
HSL	179°, 76%, 35%
HSV	179°, 86%, 61%
XYZ	17.7804, 25.9020, 34.1995
YIQ	114.7060, -79.2220, -29.0300

Conversions

Conversions Part 2

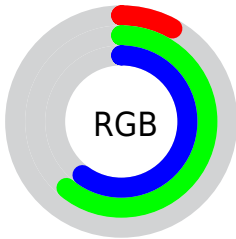
Format	Color
R _Y B	21, 89, 155
Decimal	1416089
CIE Lab	57.94, -32.76, -8.46
CIE LCh	58, 33.839, 194.481
Yxy	25.9020, 0.2283, 0.3326
Android (android.graphics.Color)	4279606169 (0xFF159B99)
YUV	114.7060, 18.8789, -82.1802
Hunter-Lab	50.8940, -26.7035, -4.2156

Details

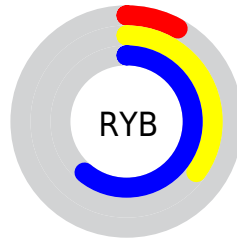
The XYZ color **17.7804, 25.9020, 34.1995** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.9413, 7.5676, 1.5374**, and the grayscale version is **16.1704, 17.0125, 18.5266**.

A 20% lighter version of the original color is **39.1329, 53.0850, 67.2154**, and **7.2485, 10.6598, 14.2459** is the 20% darker color. If you saturate the color by 10%, you get **17.5215, 25.7713, 34.0883**, and if you desaturate by 10%, it is **18.2364, 26.1354, 34.3213**.

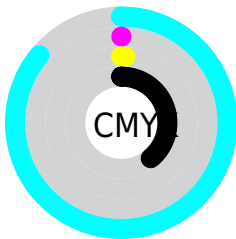
Distribution



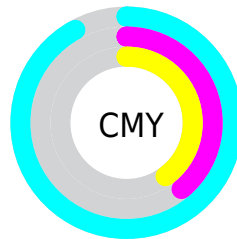
- Red (8%)
- Green (61%)
- Blue (60%)



- Red (8%)
- Yellow (35%)
- Blue (61%)



- Cyan (86%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (92%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7804, 25.9020, 34.1995 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 17.7804, 25.9020, 34.1995 by changing the saturation by 10% instead.

■ 17.7804, 25.9020,
34.1995

■ 17.7804, 25.9020,
34.1995

■ 232.6999,
282.3007, 335.8170

■ 10.8912, 16.7503,
22.7683

■ 39.1958, 53.1168,
67.3812

■ 6.0605, 10.0567,
14.2188

■ 54.4527, 71.9487,
89.9688

■ 2.9229, 5.4365,
8.1325

■ 73.2295, 94.7762,
117.1123

■ 1.1131, 2.5056,
4.0909

■ 95.8916, 121.9837,
149.2302

■ 0.0360, 0.8794,
1.6753

■ 122.8043,
153.9554, 186.7411

■ 0.0000, 0.0000,
0.3437

■ 154.3331,

■ 0.0000, 0.0000,

191.0759, 230.0635

0.0000

190.8431,
233.7295, 279.6160

■ 17.7804, 25.9020,
34.1995

■ 17.7804, 25.9020,
34.1995

■ 17.5215, 25.7713,
34.0883

■ 18.2364, 26.1354,
34.3213

■ 17.4457, 25.7330,
34.0493

■ 18.9269, 26.4892,
34.4538

■ 19.8795, 26.9780,
34.5986

■ 21.1172, 27.6139,
34.7571

■ 22.6607, 28.4073,
34.9300

■ 24.5287, 29.3681,
35.1183

■ 26.7385, 30.5051,
35.3228

■ 29.3060, 31.8264,
35.5442

■ 32.2462, 33.3399,
35.7833

Harmonies

Analogous

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



17.8100, 25.9020, 22.6107



17.7804, 25.9020, 34.1995



19.4374, 25.9020, 47.0461

Triad

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



17.7804, 25.9020, 34.1995



30.5323, 25.9020, 47.4520



26.7773, 25.9020, 11.6264

Complementary

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



17.7804, 25.9020, 34.1995



13.9413, 7.5676, 1.5374

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.



30.6484, 25.9020, 15.2125



17.7804, 25.9020, 34.1995



32.9740, 25.9020, 34.6485

Square

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



17.7804, 25.9020, 34.1995



26.6324, 25.9020, 56.0139



33.0187, 25.9020, 22.9517



22.7098, 25.9020, 11.5682

Rectangle

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



17.7804, 25.9020, 34.1995



21.3930, 25.9020, 53.7117



33.0187, 25.9020, 22.9517



28.1542, 25.9020, 12.4032

Sweetspot

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



17.7812, 25.9030, 34.2001



43.9030, 52.5813, 62.8889



12.2163, 23.6827, 4.6376



9.6796, 11.7690, 14.2094



74.8435, 78.7412, 85.7492



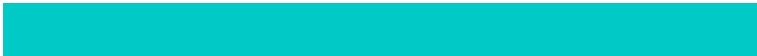
12.6291, 13.2868, 14.4694

Same Dimension

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



17.7812, 25.9030, 34.2001



31.2358, 46.0810, 60.9417



9.9028, 9.8795, 32.3963



6.3806, 7.0250, 7.9277



14.0134, 20.6688, 27.3547



0.2106, 0.3094, 0.4147

Inverse Universe

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



13.9413, 7.5676, 1.5374



24.2250, 12.4866, 1.2197



16.9634, 13.6429, 2.4495



6.2123, 6.2241, 6.4984



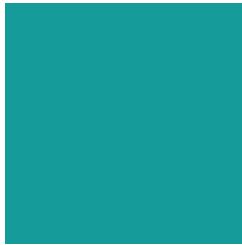
10.8689, 5.6018, 0.5685



0.1634, 0.0841, 0.0131

Previews

White Background



This preview shows how the XYZ color 17.7804, 25.9020, 34.1995 looks on a white background.

Color Contrast Check

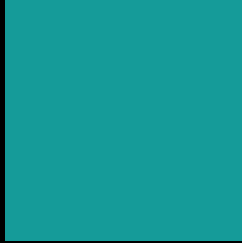
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7804, 25.9020, 34.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

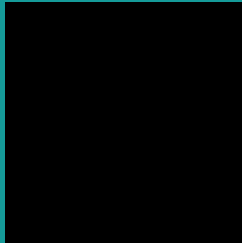
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7804, 25.9020, 34.1995

Background



This preview shows how black text looks on a background with the XYZ color 17.7804, 25.9020, 34.1995.

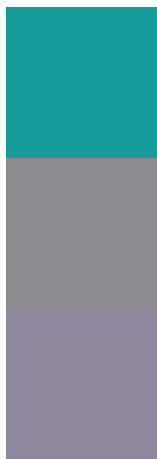


This preview shows how white text looks on a background with the XYZ color 17.7804, 25.9020,

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

17.7804, 25.9020, 34.1995

Protanopia

24.7862, 25.7054, 29.2465

Deuteranopia

26.0775, 25.6019, 35.4655



Tritanopia

19.0017, 25.9107, 40.0762

Trichromacy



Original Color

17.7804, 25.9020, 34.1995

Protanomaly

20.0913, 24.5632, 30.8764

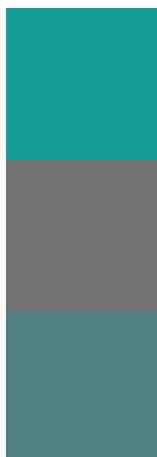
Deuteranomaly

20.8193, 24.3990, 35.0647

Tritanomaly

18.5537, 25.9757, 37.7541

Monochromacy



Original Color

17.7804, 25.9020, 34.1995

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.3384, 19.2996, 23.6856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7804, 25.9020, 34.1995 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(21, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(21, 155, 153)  
}
```

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(21, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 155, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.7804, 25.9020, 34.1995 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(21, 155, 153) }
```


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

```
.border{ border-color:rgb(21, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(21, 155,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7804, 25.9020, 34.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 155, 153) }
```

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

```
.background{ background-color: rgb(21, 155,  
153) }
```

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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