

Converting Colors

XYZ(19.8242, 25.2780, 32.3108)

Have a look what the booklet for
XYZ(19.8242, 25.2780, 32.3108)
contains.

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Color

**XYZ(19.8525, 25.3282,
32.2763)**

Conversions

Conversions Part 1

Format	Color
Hex	569495
RGB	86, 148, 149
RGB Percent	34%, 58%, 58%
CMY	0.6627, 0.4196, 0.4157
CMYK	0.42, 0.01, 0.00, 0.42
HSL	181°, 27%, 46%
HSV	181°, 42%, 58%
XYZ	19.8525, 25.3282, 32.2763
YIQ	129.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

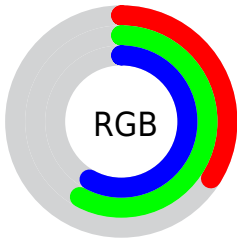
Format	Color
R_{YB}	86, 117, 149
Decimal	5674133
CIE _{Lab}	57.39, -19.69, -6.81
CIE _{LCh}	57, 20.836, 199.085
Yxy	25.3282, 0.2563, 0.3270
Android (android.graphics.Color)	4283864213 (0xFF569495)
YUV	129.5760, 9.5760, -38.2162
Hunter-Lab	50.3271, -17.6597, -2.7955

Details

The XYZ color **19.8525, 25.3282, 32.2763** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4828, 13.8782, 10.5620**, and the grayscale version is **21.0459, 22.1419, 24.1125**.

A 20% lighter version of the original color is **42.5475, 52.0418, 64.3025**, and **7.0750, 9.7383, 13.0621** is the 20% darker color. If you saturate the color by 10%, you get **18.5843, 24.6201, 32.2069**, and if you desaturate by 10%, it is **21.4083, 26.1859, 32.3603**.

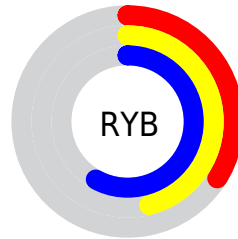
Distribution



Red (34%)

Green (58%)

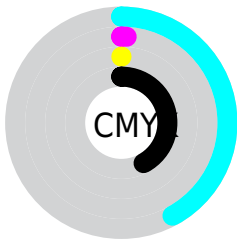
Blue (58%)



Red (34%)

Yellow (46%)

Blue (58%)

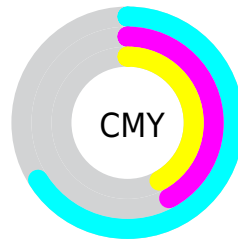


Cyan (42%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8525, 25.3282, 32.2763 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 19.8525, 25.3282, 32.2763 by changing the saturation by 10% instead.

■ 19.8525, 25.3282,
32.2763

■ 19.8525, 25.3282,
32.2763

243.9643,
279.4685, 326.9074

■ 12.3955, 16.3217,
21.3061

■ 42.6756, 52.1892,
64.3469

■ 7.0877, 9.7521,
13.1545

■ 58.7724, 70.8125,
86.2844

■ 3.5639, 5.2349,
7.4030

■ 78.4798, 93.4102,
112.7147

■ 1.4585, 2.3857,
3.6332

■ 102.1633,
120.3666, 144.0563

■ 0.2973, 0.8185,
1.4263

130.1881,
152.0663, 180.7279

■ 0.0000, 0.0000,
0.1621

162.9197,

■ 0.0000, 0.0000,

188.8936, 223.1479

0.0000

200.7233,
231.2329, 271.7349

■ 19.8525, 25.3282,
32.2763

■ 19.8525, 25.3282,
32.2763

■ 18.5843, 24.6201,
32.2069

■ 21.4083, 26.1859,
32.3603

■ 17.5835, 24.0494,
32.1495

■ 23.2658, 27.1986,
32.4579

■ 16.8310, 23.6067,
32.1037

■ 25.4409, 28.3752,
32.5703

■ 16.3040, 23.2804,
32.0685

■ 27.9477, 29.7229,
32.6983

■ 15.9757, 23.0567,
32.0426

■ 30.7995, 31.2485,
32.8425

■ 15.8027, 22.9255,
32.0264

■ 34.0088, 32.9586,
33.0034

■ 37.5875, 34.8592,
33.1817

■ 41.5471, 36.9563,
33.3778

■ 45.8983, 39.2554,
33.5922

Harmonies

Analogous

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



19.6987, 25.3282, 25.0781



19.8525, 25.3282, 32.2763



21.0908, 25.3282, 39.2064

Triad

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



19.8525, 25.3282, 32.2763



27.8500, 25.3282, 37.4969



24.9857, 25.3282, 16.2480

Complementary

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



19.8525, 25.3282, 32.2763



17.4828, 13.8782, 10.5620

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.



27.3253, 25.3282, 18.5116



19.8525, 25.3282, 32.2763



29.0528, 25.3282, 30.2389

Square

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



19.8525, 25.3282, 32.2763



25.6627, 25.3282, 42.5591



28.8545, 25.3282, 23.3595



22.5517, 25.3282, 16.6036

Rectangle

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



19.8525, 25.3282, 32.2763



22.4152, 25.3282, 42.3606



28.8545, 25.3282, 23.3595



25.8120, 25.3282, 16.7099

Sweetspot

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



19.8533, 25.3292, 32.2769



45.1516, 50.5949, 58.3073



16.2655, 24.1458, 12.6080



9.8232, 11.1137, 12.9123



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.8533, 25.3292, 32.2769



33.3315, 44.1189, 57.6803



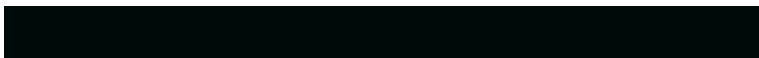
15.6829, 16.9884, 30.8868



5.9563, 6.5466, 7.4194



13.3021, 19.2991, 26.9550



0.1648, 0.2403, 0.3306

Inverse Universe

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



21.0682, 15.1839, 29.8385



35.8260, 23.4366, 52.6405



20.4944, 19.9015, 11.5659



6.0314, 5.9076, 7.2715



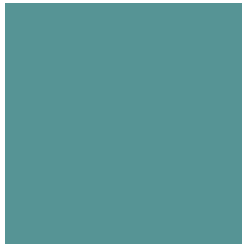
14.8414, 7.1416, 23.7095



0.1827, 0.0878, 0.2956

Previews

White Background



This preview shows how the XYZ color 19.8525, 25.3282, 32.2763 looks on a white background.

Color Contrast Check

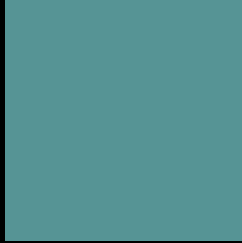
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8525, 25.3282, 32.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

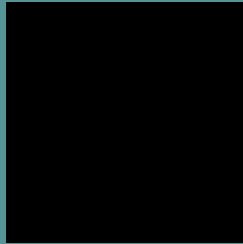
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8525, 25.3282, 32.2763

Background



This preview shows how black text looks on a background with the XYZ color 19.8525, 25.3282, 32.2763.

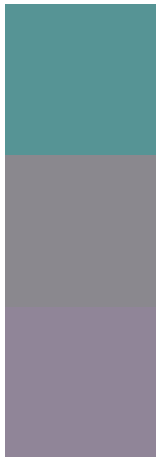


This preview shows how white text looks on a background with the XYZ color 19.8525, 25.3282,

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

19.8525, 25.3282, 32.2763

Protanopia

24.1679, 24.9646, 29.1360

Deuteranopia

25.5566, 24.9713, 33.1787



Tritanopia

20.7251, 25.4599, 36.1697

Trichromacy



Original Color

19.8525, 25.3282, 32.2763

Protanomaly

22.0967, 24.7224, 30.3954

Deuteranomaly

22.8428, 24.6223, 32.8268

Tritanomaly

20.3746, 25.3087, 34.8216

Monochromacy



Original Color

19.8525, 25.3282, 32.2763

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4004, 23.2749, 27.0842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8525, 25.3282, 32.2763 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(86, 148, 149)` looks like.

```
.text, #text, p{  
    color:rgb(86, 148, 149)  
}
```

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(86, 148, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 148, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.8525, 25.3282, 32.2763 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(86, 148, 149) }
```


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

```
.border{ border-color:rgb(86, 148, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 148, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 148, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 148, 149);  
box-shadow:4px 4px 4px 4px rgb(86, 148,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8525, 25.3282, 32.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 148, 149) }
```

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

```
.background{ background-color: rgb(86, 148,  
149) }
```

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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