

Converting Colors

XYZ(19.7305, 25.3053, 32.8403)

Have a look what the booklet for
XYZ(19.7305, 25.3053, 32.8403)
contains.

XYZ(19.6622, 25.2208, 32.6860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.6622, 25.2208,
32.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	539496
RGB	83, 148, 150
RGB Percent	33%, 58%, 59%
CMY	0.6745, 0.4196, 0.4118
CMYK	0.45, 0.01, 0.00, 0.41
HSL	182°, 29%, 46%
HSV	182°, 45%, 59%
XYZ	19.6622, 25.2208, 32.6860
YIQ	128.7930, -39.3820, -13.1580

Conversions

Conversions Part 2

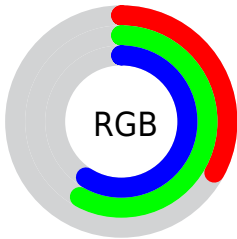
Format	Color
RYB	83, 116, 150
Decimal	5477526
CIELab	57.29, -20.19, -7.55
CIELCh	57, 21.560, 200.508
Yxy	25.2208, 0.2535, 0.3251
Android (android.graphics.Color)	4283667606 (0xFF539496)
YUV	128.7930, 10.4551, -40.1605
Hunter-Lab	50.2203, -17.9994, -3.4348

Details

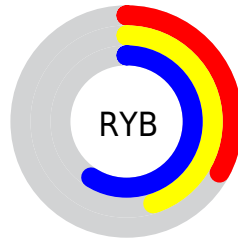
The XYZ color **19.6622, 25.2208, 32.6860** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3880, 13.6060, 9.8940**, and the grayscale version is **20.7689, 21.8505, 23.7952**.

A 20% lighter version of the original color is **42.3361, 51.9191, 64.9168**, and **6.9788, 9.6833, 13.3056** is the 20% darker color. If you saturate the color by 10%, you get **18.4095, 24.4716, 32.6079**, and if you desaturate by 10%, it is **21.2031, 26.1201, 32.7788**.

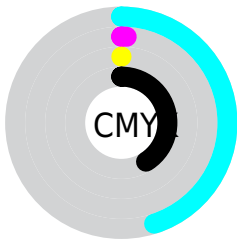
Distribution



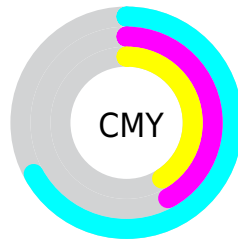
- Red (33%)
- Green (58%)
- Blue (59%)



- Red (33%)
- Yellow (45%)
- Blue (59%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6622, 25.2208, 32.6860 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 19.6622, 25.2208, 32.6860 by changing the saturation by 10% instead.

■ 19.6622, 25.2208,
32.6860

■ 19.6622, 25.2208,
32.6860

■ 242.9491,
278.9358, 328.8210

■ 12.2566, 16.2416,
21.6169

■ 42.3584, 52.0152,
64.9953

■ 6.9921, 9.6953,
13.3800

■ 58.3797, 70.5992,
87.0726

■ 3.5034, 5.1974,
7.5570

■ 78.0035, 93.1537,
113.6564

■ 1.4253, 2.3635,
3.7291

■ 101.5953,
120.0629, 145.1651

■ 0.2741, 0.8070,
1.4779

■ 129.5204,
151.7113, 182.0174

■ 0.0000, 0.0000,
0.2014

162.1442,

■ 0.0000, 0.0000,

188.4834, 224.6318

0.0000

199.8319,
230.7634, 273.4268

■ 19.6622, 25.2208,
32.6860

■ 19.6622, 25.2208,
32.6860

■ 18.4095, 24.4716,
32.6079

■ 21.2031, 26.1201,
32.7788

■ 17.4239, 23.8599,
32.5417

■ 23.0468, 27.1754,
32.8853

■ 16.6855, 23.3761,
32.4873

■ 25.2098, 28.3957,
33.0069

■ 16.1702, 23.0076,
32.4433

■ 27.7066, 29.7885,
33.1441

■ 15.8480, 22.7391,
32.4085

■ 30.5510, 31.3608,
33.2977

■ 15.7112, 22.6141,
32.3915

■ 33.7558, 33.1194,
33.4682

■ 37.3334, 35.0705,
33.6562

■ 41.2953, 37.2202,
33.8624

■ 45.6528, 39.5742,
34.0871

Harmonies

Analogous

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



19.4493, 25.2208, 25.2079



19.6622, 25.2208, 32.6860



20.9838, 25.2208, 39.7997

Triad

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



19.6622, 25.2208, 32.6860



27.9623, 25.2208, 37.4056



24.7901, 25.2208, 15.7994

Complementary

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



19.6622, 25.2208, 32.6860



17.3880, 13.6060, 9.8940

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.



27.2304, 25.2208, 17.9792



19.6622, 25.2208, 32.6860



29.1457, 25.2208, 29.8449

Square

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



19.6622, 25.2208, 32.6860



25.7326, 25.2208, 42.8427



28.8687, 25.2208, 22.8251



22.2929, 25.2208, 16.2875

Rectangle

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



19.6622, 25.2208, 32.6860



22.3710, 25.2208, 42.9575



28.8687, 25.2208, 22.8251



25.6469, 25.2208, 16.2274

Sweetspot

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



19.6630, 25.2218, 32.6866



45.0736, 50.4389, 58.2813



16.0790, 24.2942, 12.2539



9.8033, 11.0739, 12.9056



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.



19.6630, 25.2218, 32.6866



32.4099, 43.1386, 57.5397



15.2474, 16.3907, 31.2147



5.9494, 6.5329, 7.4171



13.0346, 18.7640, 26.8659



0.1633, 0.2372, 0.3301

Inverse Universe

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



21.0169, 14.8093, 29.7688



35.1501, 22.3597, 51.5680



20.5730, 19.9760, 10.9556



6.0279, 5.9062, 7.2532



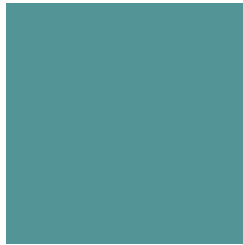
14.7063, 7.0876, 22.9984



0.1819, 0.0875, 0.2915

Previews

White Background



This preview shows how the XYZ color 19.6622, 25.2208, 32.6860 looks on a white background.

Color Contrast Check

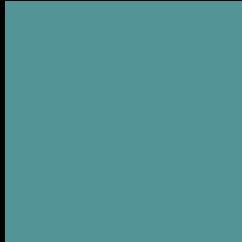
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6622, 25.2208, 32.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

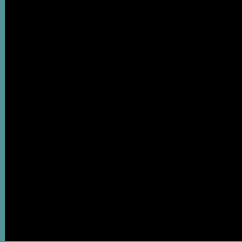
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6622, 25.2208, 32.6860

Background



This preview shows how black text looks on a background with the XYZ color 19.6622, 25.2208, 32.6860.

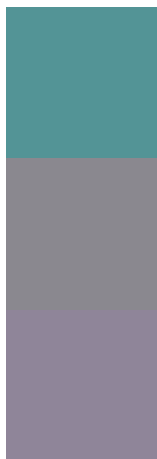


This preview shows how white text looks on a background with the XYZ color 19.6622, 25.2208,

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

19.6622, 25.2208, 32.6860

Protanopia

24.2433, 24.9948, 29.5333

Deuteranopia

25.4650, 24.9146, 33.6038



Tritanopia

20.5295, 25.3491, 36.6117

Trichromacy



Original Color

19.6622, 25.2208, 32.6860

Protanomaly

22.0376, 24.6830, 30.7969

Deuteranomaly

22.6411, 24.5089, 33.2431

Tritanomaly

20.1808, 25.1990, 35.2527

Monochromacy



Original Color

19.6622, 25.2208, 32.6860

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0016, 22.8592, 27.0250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6622, 25.2208, 32.6860 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(83, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(83, 148, 150)  
}
```

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(83, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 148, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.6622, 25.2208, 32.6860 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(83, 148, 150) }
```


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

```
.border{ border-color:rgb(83, 148, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 148, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(83, 148,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6622, 25.2208, 32.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 148, 150) }
```

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

```
.background{ background-color: rgb(83, 148,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor