

Converting Colors

XYZ(15.5841, 20.0025, 25.3367)

Have a look what the booklet for
XYZ(15.5841, 20.0025, 25.3367)
contains.

XYZ(15.5228, 19.9644, 25.2257)	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(15.5228, 19.9644,
25.2257)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8585
RGB	75, 133, 133
RGB Percent	29%, 52%, 52%
CMY	0.7059, 0.4784, 0.4784
CMYK	0.44, 0.00, 0.00, 0.48
HSL	180°, 28%, 41%
HSV	180°, 44%, 52%
XYZ	15.5228, 19.9644, 25.2257
YIQ	115.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

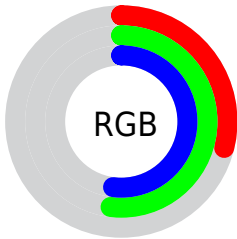
Format	Color
RYB	75, 104, 133
Decimal	4949381
CIELab	51.80, -18.92, -5.94
CIELCh	52, 19.835, 197.439
Yxy	19.9644, 0.2557, 0.3288
Android (android.graphics.Color)	4283139461 (0xFF4B8585)
YUV	115.6580, 8.5496, -35.6571
Hunter-Lab	44.6815, -16.1801, -2.1961




Details

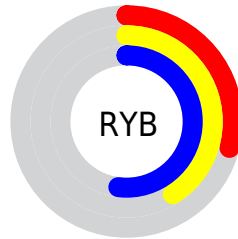
The XYZ color **15.5228, 19.9644, 25.2257** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.4596, 10.5272, 7.9798**, and the grayscale version is **16.4786, 17.3368, 18.8798**.




A 20% lighter version of the original color is **35.3239, 43.2522, 52.9411**, and **4.9820, 6.9753, 9.4713** is the 20% darker color. If you saturate the color by 10%, you get **14.5895, 19.4838, 25.1823**, and if you desaturate by 10%, it is **16.6748, 20.5587, 25.2802**.

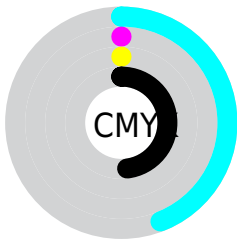
Distribution







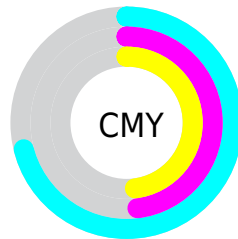
-  Red (29%)
-  Green (52%)
-  Blue (52%)






-  Red (29%)
-  Yellow (41%)
-  Blue (52%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (71%)
-  Magenta (48%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5228, 19.9644, 25.2257 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 15.5228, 19.9644, 25.2257 by changing the saturation by 10% instead.

■ 15.5228, 19.9644,
25.2257

■ 15.5228, 19.9644,
25.2257

219.8353,
251.7223, 292.4437

■ 9.2758, 12.3692,
16.0247

■ 35.3319, 43.3575,
52.9918

■ 4.9801, 6.9956,
9.3871

■ 49.6248, 59.9241,
72.3940

■ 2.2702, 3.4594,
4.8943

■ 67.3303, 80.2500,
96.0337

■ 0.7794, 1.3760,
2.1277

■ 88.8138, 104.7196,
124.3295

■ 0.0000, 0.1989,
0.6322

■ 114.4408,
133.7172, 157.6998

■ 0.0000, 0.0000,
0.0000

144.5764,

167.6273, 196.5632

179.5862,
206.8342, 241.3383

■ 15.5228, 19.9644,
25.2257

■ 15.5228, 19.9644,
25.2257

■ 14.5895, 19.4838,
25.1823

■ 16.6748, 20.5587,
25.2802

■ 13.8595, 19.1074,
25.1480

■ 18.0562, 21.2709,
25.3450

■ 13.3181, 18.8283,
25.1226

■ 19.6791, 22.1075,
25.4210

■ 12.9480, 18.6375,
25.1051

■ 21.5543, 23.0742,
25.5089

■ 12.7279, 18.5241,
25.0947

■ 23.6920, 24.1762,
25.6091

■ 12.6215, 18.4692,
25.0896

■ 26.1016, 25.4184,
25.7220

■ 28.7923, 26.8055,
25.8480

■ 31.7727, 28.3420,
25.9877

■ 35.0511, 30.0321,
26.1412

Harmonies

Analogous

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



15.4485, 19.9644, 19.4189



15.5228, 19.9644, 25.2257



16.4802, 19.9644, 30.9497

Triad

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



15.5228, 19.9644, 25.2257



21.9662, 19.9644, 30.1145



19.8284, 19.9644, 12.6269

Complementary

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



15.5228, 19.9644, 25.2257



13.4596, 10.5272, 7.9798

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.



21.7108, 19.9644, 14.5634



15.5228, 19.9644, 25.2257



23.0024, 19.9644, 24.2344

Square

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



15.5228, 19.9644, 25.2257



20.1573, 19.9644, 34.0965



22.9057, 19.9644, 18.5873



17.8410, 19.9644, 12.7974

Rectangle

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



15.5228, 19.9644, 25.2257



17.5314, 19.9644, 33.6419



22.9057, 19.9644, 18.5873



20.4970, 19.9644, 13.0364

Sweetspot

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



15.5234, 19.9652, 25.2262



35.3381, 39.6391, 45.5267



12.6359, 18.8190, 9.6234



7.8266, 8.8609, 10.2504



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.5234, 19.9652, 25.2262



26.1895, 34.9229, 45.0976



12.1840, 13.2863, 24.1136



4.8016, 5.2789, 5.9666



12.0217, 17.5915, 23.8974



0.0416, 0.0609, 0.0828

Inverse Universe

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



13.4596, 10.5272, 7.9798



22.0036, 15.7801, 10.1173



15.7971, 15.2024, 8.7587



4.6726, 4.6887, 4.8881



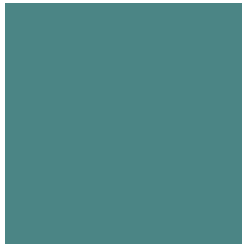
9.2136, 4.7498, 0.4313



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 15.5228, 19.9644, 25.2257 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 15.5228, 19.9644, 25.2257 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 15.5228, 19.9644, 25.2257

Background



This preview shows how black text looks on a background with the XYZ color 15.5228, 19.9644, 25.2257.



This preview shows how white text looks on a background with the XYZ color 15.5228, 19.9644,

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

15.5228, 19.9644, 25.2257

Protanopia

19.1025, 19.7365, 22.8814

Deuteranopia

20.2137, 19.8776, 26.0639



Tritanopia

16.2756, 20.0752, 28.6083

Trichromacy



Original Color

15.5228, 19.9644, 25.2257

Protanomaly

17.3672, 19.5709, 23.6311

Deuteranomaly

18.0135, 19.6677, 25.7685

Tritanomaly

15.9720, 19.9444, 27.4339

Monochromacy



Original Color

15.5228, 19.9644, 25.2257

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.8392, 18.0909, 21.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5228, 19.9644, 25.2257 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(75, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(75, 133, 133)  
}
```

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(75, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.5228, 19.9644, 25.2257 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(75, 133, 133) }
```


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

```
.border{ border-color:rgb(75, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(75, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5228, 19.9644, 25.2257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 133, 133) }
```

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

```
.background{ background-color: rgb(75, 133,  
133) }
```

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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