

Converting Colors

XYZ(25.2376, 29.0129, 39.8712)

Have a look what the booklet for
XYZ(25.2376, 29.0129, 39.8712)
contains.

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Color

**XYZ(25.2222, 28.8861,
39.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	7498A5
RGB	116, 152, 165
RGB Percent	45%, 60%, 65%
CMY	0.5451, 0.4039, 0.3529
CMYK	0.30, 0.08, 0.00, 0.35
HSL	196°, 21%, 55%
HSV	196°, 30%, 65%
XYZ	25.2222, 28.8861, 39.8435
YIQ	142.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

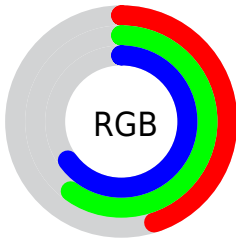
Format	Color
R_{YB}	116, 137, 165
Decimal	7641253
CIE _{Lab}	60.68, -9.22, -10.84
CIE _{LCh}	61, 14.231, 229.640
Yxy	28.8861, 0.2685, 0.3075
Android (android.graphics.Color)	4285831333 (0xFF7498A5)
YUV	142.7180, 10.9850, -23.4317
Hunter-Lab	53.7458, -10.2874, -6.3315

Details

The XYZ color **25.2222, 28.8861, 39.8435** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5200, 24.9609, 19.9438**, and the grayscale version is **25.9617, 27.3137, 29.7446**.

A 20% lighter version of the original color is **51.3518, 57.7449, 76.1495**, and **9.8811, 11.6579, 17.3522** is the 20% darker color. If you saturate the color by 10%, you get **22.5236, 26.4604, 39.5180**, and if you desaturate by 10%, it is **28.3384, 31.5674, 40.1973**.

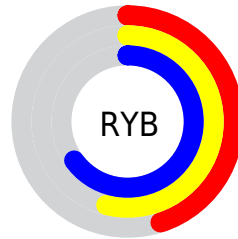
Distribution



Red (45%)

Green (60%)

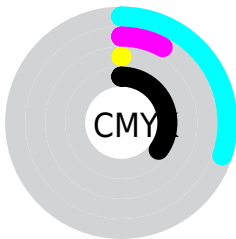
Blue (65%)



Red (45%)

Yellow (54%)

Blue (65%)

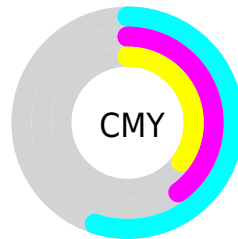


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2222, 28.8861, 39.8435 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 25.2222, 28.8861, 39.8435 by changing the saturation by 10% instead.

■ 25.2222, 28.8861,
39.8435

■ 25.2222, 28.8861,
39.8435

271.2700,
296.6772, 360.9960

■ 16.3723, 18.9947,
27.1037

■ 51.4578, 57.8961,
76.1596

■ 9.8805, 11.6664,
17.4180

■ 69.5741, 77.7834,
100.5730

■ 5.3815, 6.5170,
10.3679

■ 91.5100, 101.7715,
129.7147

■ 2.5098, 3.1619,
5.5347

117.6308,
130.2447, 164.0031

■ 0.9002, 1.2168,
2.5001

148.3019,
163.5875, 203.8570

■ 0.0000, 0.0754,
0.8402

183.8885,

■ 0.0000, 0.0000,

202.1843, 249.6947

0.0000

224.7561,
246.4194, 301.9348

■ 25.2222, 28.8861,
39.8435

■ 25.2222, 28.8861,
39.8435

■ 22.5236, 26.4604,
39.5180

■ 28.3384, 31.5674,
40.1973

■ 20.2190, 24.2755,
39.2178

■ 31.8889, 34.5113,
40.5784

■ 18.2865, 22.3206,
38.9423

■ 35.8927, 37.7286,
40.9884

■ 16.7008, 20.5822,
38.6903

■ 40.3668, 41.2284,
41.4281

■ 15.4334, 19.0451,
38.4604

■ 45.3274, 45.0196,
41.8984

■ 14.4506, 17.6915,
38.2509

■ 50.7898, 49.1104,
42.4001

■ 13.6796, 16.4834,
38.0584

■ 56.7688, 53.5087,
42.9339

■ 13.6571, 16.4477,
38.0527

■ 63.2783, 58.2222,
43.5006

■ 66.7488, 61.4111,
43.9332

Harmonies

Analogous

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



24.2489, 28.8861, 34.9908



25.2222, 28.8861, 39.8435



26.8225, 28.8861, 42.5384

Triad

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



25.2222, 28.8861, 39.8435



31.0938, 28.8861, 33.3141



26.2806, 28.8861, 22.8233

Complementary

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



25.2222, 28.8861, 39.8435



26.5200, 24.9609, 19.9438

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.



28.0981, 28.8861, 22.4815



25.2222, 28.8861, 39.8435



30.9327, 28.8861, 28.1603

Square

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



25.2222, 28.8861, 39.8435



30.2473, 28.8861, 38.4985



29.8166, 28.8861, 24.3302



24.8407, 28.8861, 25.3226

Rectangle

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



25.2222, 28.8861, 39.8435



28.0535, 28.8861, 42.5655



29.8166, 28.8861, 24.3302



26.8658, 28.8861, 22.4638

Sweetspot

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



25.2231, 28.8873, 39.8442



57.4703, 62.1002, 72.7099



24.5709, 32.1889, 25.4271



12.3594, 13.4092, 15.8743



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2231, 28.8873, 39.8442



41.7291, 48.6611, 70.9455



21.7464, 21.9339, 38.6853



7.1164, 7.6918, 9.0127



10.3740, 12.5275, 28.8011



0.2534, 0.3340, 0.6170

Inverse Universe

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



27.4306, 22.7578, 32.6540



46.4571, 36.1262, 55.4132



30.0203, 31.9615, 21.1106



7.2837, 7.1699, 8.4805



14.3818, 7.1088, 14.4671



0.3200, 0.1565, 0.3980

Previews

White Background



This preview shows how the XYZ color 25.2222, 28.8861, 39.8435 looks on a white background.

Color Contrast Check

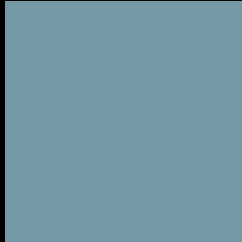
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2222, 28.8861, 39.8435 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

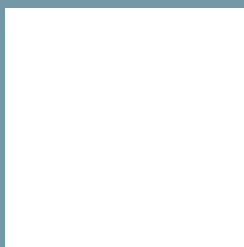
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2222, 28.8861, 39.8435

Background



This preview shows how black text looks on a background with the XYZ color 25.2222, 28.8861, 39.8435.



This preview shows how white text looks on a background with the XYZ color 25.2222, 28.8861,

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

25.2222, 28.8861, 39.8435

Protanopia

28.0600, 28.7533, 37.7892

Deuteranopia

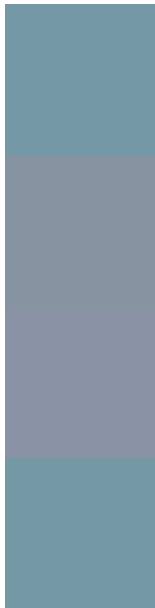
29.2257, 28.6201, 40.5431



Tritanopia

25.1315, 28.8498, 39.3660

Trichromacy



Original Color

25.2222, 28.8861, 39.8435

Protanomaly

26.9430, 28.8568, 38.3323

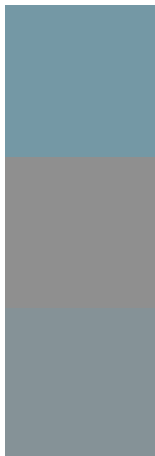
Deuteranomaly

27.6431, 28.7142, 40.1618

Tritanomaly

25.1315, 28.8498, 39.3660

Monochromacy



Original Color

25.2222, 28.8861, 39.8435

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5377, 27.7787, 33.2940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2222, 28.8861, 39.8435 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(116, 152, 165)` looks like.

```
.text, #text, p{  
    color:rgb(116, 152, 165)  
}
```

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(116, 152, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 152, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.2222, 28.8861, 39.8435 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(116, 152, 165) }
```


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

```
.border{ border-color:rgb(116, 152, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 152, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 152, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 152, 165);  
box-shadow:4px 4px 4px 4px rgb(116, 152,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2222, 28.8861, 39.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 152, 165) }
```

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

```
.background{ background-color: rgb(116,  
152, 165) }
```

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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