

Converting Colors

XYZ(25.1719, 27.1072, 41.0461)

Have a look what the booklet for
XYZ(25.1719, 27.1072, 41.0461)
contains.

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Color

**XYZ(25.2193, 27.2155,
40.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	7A91A8
RGB	122, 145, 168
RGB Percent	48%, 57%, 66%
CMY	0.5216, 0.4314, 0.3412
CMYK	0.27, 0.14, 0.00, 0.34
HSL	210°, 21%, 57%
HSV	210°, 27%, 66%
XYZ	25.2193, 27.2155, 40.9697
YIQ	140.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

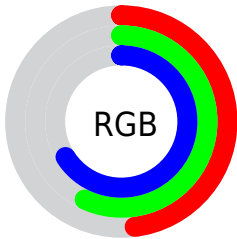
Format	Color
R_{YB}	122, 137, 168
Decimal	8032680
CIE _{Lab}	59.17, -2.73, -14.78
CIE _{LCh}	59, 15.029, 259.536
Yxy	27.2155, 0.2700, 0.2914
Android (android.graphics.Color)	4286222760 (0xFF7A91A8)
YUV	140.7450, 13.4367, -16.4394
Hunter-Lab	52.1685, -5.0043, -10.0445

Details

The XYZ color **25.2193, 27.2155, 40.9697** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7871, 29.9810, 22.6300**, and the grayscale version is **25.1733, 26.4842, 28.8413**.

A 20% lighter version of the original color is **51.4219, 55.2885, 77.7736**, and **9.9171, 10.8231, 18.0894** is the 20% darker color. If you saturate the color by 10%, you get **21.8068, 23.6214, 40.4563**, and if you desaturate by 10%, it is **29.1396, 31.2136, 41.5352**.

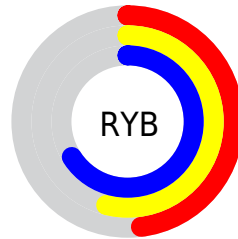
Distribution



Red (48%)

Green (57%)

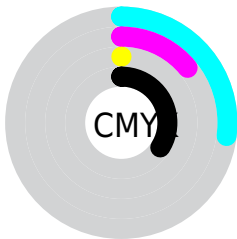
Blue (66%)



Red (48%)

Yellow (54%)

Blue (66%)

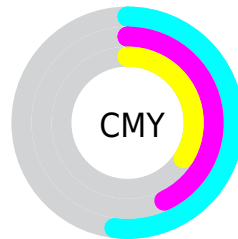


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (52%)

Magenta (43%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2193, 27.2155, 40.9697 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 25.2193, 27.2155, 40.9697 by changing the saturation by 10% instead.

■ 25.2193, 27.2155,
40.9697

■ 25.2193, 27.2155,
40.9697

271.2559,
288.6990, 365.8669

■ 16.3701, 17.7351,
27.9759

■ 51.4531, 55.2295,
77.8911

■ 9.8789, 10.7600,
18.0686

■ 69.5684, 74.5319,
102.6557

■ 5.3804, 5.9057,
10.8293

■ 91.5032, 97.8771,
132.1810

■ 2.5092, 2.7878,
5.8394

117.6227,
125.6495, 166.8856

■ 0.8999, 1.0220,
2.6805

148.2924,
158.2335, 207.1879

■ 0.0000, 0.0000,
0.9336

183.8776,

■ 0.0000, 0.0000,

196.0135, 253.5065

0.0000

224.7436,
239.3739, 306.2600

■ 25.2193, 27.2155,
40.9697

■ 25.2193, 27.2155,
40.9697

■ 21.8068, 23.6214,
40.4563

■ 29.1396, 31.2136,
41.5352

■ 18.8764, 20.4131,
39.9915

■ 33.5869, 35.6264,
42.1526

■ 16.4038, 17.5755,
39.5741

■ 38.5822, 40.4685,
42.8239

■ 14.3614, 15.0912,
39.2022

■ 44.1448, 45.7524,
43.5507

■ 12.7181, 12.9408,
38.8737

■ 50.2927, 51.4903,
44.3341

■ 11.4383, 11.1024,
38.5863

■ 57.0435, 57.6936,
45.1757

■ 10.4673, 9.5441,
38.3368

■ 64.4137, 64.3736,
46.0766

■ 10.2387, 9.1687,
38.2763

■ 71.9013, 71.2739,
47.0139

■ 74.0586, 75.5885,
47.7330

Harmonies

Analogous

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



23.6012, 27.2155, 38.1880



25.2193, 27.2155, 40.9697



27.0899, 27.2155, 40.4482

Triad

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



25.2193, 27.2155, 40.9697



29.4101, 27.2155, 26.3179



23.2246, 27.2155, 23.4341

Complementary

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



25.2193, 27.2155, 40.9697



29.7871, 29.9810, 22.6300

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.



24.6825, 27.2155, 20.9412



25.2193, 27.2155, 40.9697



28.2744, 27.2155, 22.4619

Square

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



25.2193, 27.2155, 40.9697



29.5709, 27.2155, 31.5449



26.5267, 27.2155, 20.6081



22.4870, 27.2155, 27.8000

Rectangle

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



25.2193, 27.2155, 40.9697



28.2270, 27.2155, 38.3152



26.5267, 27.2155, 20.6081



23.6433, 27.2155, 22.3728

Sweetspot

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



25.2201, 27.2166, 40.9703



60.2942, 64.0074, 76.4019



27.0812, 34.1641, 31.6468



12.8739, 13.6876, 16.6156



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.2201, 27.2166, 40.9703



41.8037, 45.2425, 73.7545



22.1486, 21.0735, 39.9465



7.4301, 7.8971, 9.5510



7.7831, 7.0264, 28.9215



0.2406, 0.2734, 0.7207

Inverse Universe

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



28.2195, 24.2889, 29.9901



48.2862, 39.3764, 49.9194



33.5233, 37.4535, 23.8754



7.6817, 7.6025, 8.6409



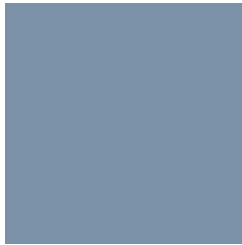
13.4292, 6.7804, 7.0715



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 25.2193, 27.2155, 40.9697 looks on a white background.

Color Contrast Check

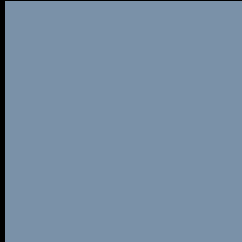
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2193, 27.2155, 40.9697 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

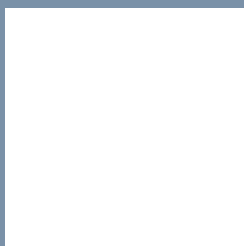
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2193, 27.2155, 40.9697

Background



This preview shows how black text looks on a background with the XYZ color 25.2193, 27.2155, 40.9697.

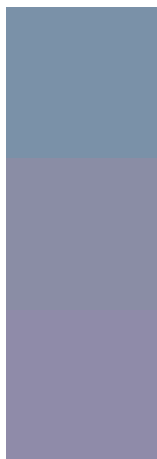


This preview shows how white text looks on a background with the XYZ color 25.2193, 27.2155,

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

25.2193, 27.2155, 40.9697

Protanopia

26.7976, 27.1696, 39.4292

Deuteranopia

27.7217, 27.1695, 41.3193



Tritanopia

24.3510, 27.3291, 36.3394

Trichromacy



Original Color

25.2193, 27.2155, 40.9697

Protanomaly

26.0717, 27.0047, 39.9147

Deuteranomaly

26.6780, 27.0652, 41.3541

Tritanomaly

24.6856, 27.2314, 38.1375

Monochromacy



Original Color

25.2193, 27.2155, 40.9697

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0904, 26.6487, 33.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2193, 27.2155, 40.9697 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(122, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 168)  
}
```

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(122, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.2193, 27.2155, 40.9697 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(122, 145, 168) }
```


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

```
.border{ border-color:rgb(122, 145, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 145, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 145, 168);  
box-shadow:4px 4px 4px 4px rgb(122, 145,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2193, 27.2155, 40.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 168) }
```

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

```
.background{ background-color: rgb(122,  
145, 168) }
```

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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