

Converting Colors

XYZ(25.2349, 32.7488, 41.2099)

Have a look what the booklet for
XYZ(25.2349, 32.7488, 41.2099)
contains.

XYZ(25.2159, 32.7178, 41.0625)	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(25.2159, 32.7178,
41.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA7A6
RGB	93, 167, 166
RGB Percent	36%, 65%, 65%
CMY	0.6353, 0.3451, 0.3490
CMYK	0.44, 0.00, 0.01, 0.35
HSL	179°, 30%, 51%
HSV	179°, 44%, 65%
XYZ	25.2159, 32.7178, 41.0625
YIQ	144.7600, -43.7830, -15.9990

Conversions

Conversions Part 2

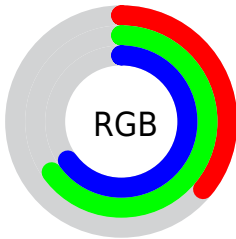
Format	Color
RYB	93, 130, 167
Decimal	6137766
CIELab	63.93, -23.25, -6.68
CIElCh	64, 24.196, 196.035
Yxy	32.7178, 0.2547, 0.3305
Android (android.graphics.Color)	4284327846 (0xFF5DA7A6)
YUV	144.7600, 10.4713, -45.3935
Hunter-Lab	57.1995, -21.4089, -2.5236

Details

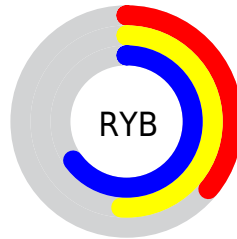
The XYZ color **25.2159, 32.7178, 41.0625** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8723, 16.8534, 12.6912**, and the grayscale version is **26.7888, 28.1839, 30.6922**.

A 20% lighter version of the original color is **51.3852, 63.7589, 78.0050**, and **9.8956, 13.8514, 18.0716** is the 20% darker color. If you saturate the color by 10%, you get **23.6862, 31.9324, 40.8834**, and if you desaturate by 10%, it is **27.1167, 33.6961, 41.2606**.

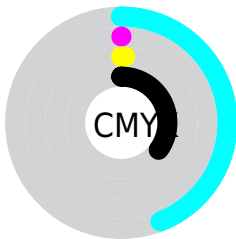
Distribution



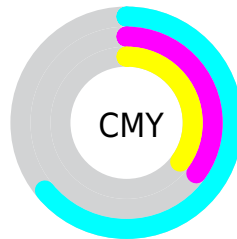
- Red (36%)
- Green (65%)
- Blue (65%)



- Red (36%)
- Yellow (51%)
- Blue (65%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2159, 32.7178, 41.0625 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 25.2159, 32.7178, 41.0625 by changing the saturation by 10% instead.

■ 25.2159, 32.7178,
41.0625

■ 25.2159, 32.7178,
41.0625

271.2393,
314.3762, 366.2661

■ 16.3676, 21.9104,
28.0479

■ 51.4476, 63.9347,
78.0335

■ 9.8771, 13.7910,
18.1224

■ 69.5617, 85.1129,
102.8269

■ 5.3792, 7.9755,
10.8675

■ 91.4952, 110.5169,
132.3836

■ 2.5085, 4.0793,
5.8648

■ 117.6132,
140.5309, 167.1222

■ 0.8995, 1.7180,
2.6956

148.2813,
175.5395, 207.4612

■ 0.0000, 0.4353,
0.9412

183.8648,

■ 0.0000, 0.0000,

215.9270, 253.8192

0.0000

224.7290,
262.0777, 306.6146

■ 25.2159, 32.7178,
41.0625

■ 25.2159, 32.7178,
41.0625

■ 23.6862, 31.9324,
40.8834

■ 27.1167, 33.6961,
41.2606

■ 22.5005, 31.3235,
40.7200

■ 29.4078, 34.8748,
41.4763

■ 21.6324, 30.8784,
40.5715

■ 32.1105, 36.2657,
41.7116

■ 21.0508, 30.5809,
40.4367

■ 35.2438, 37.8785,
41.9672

■ 20.7180, 30.4117,
40.3137

■ 38.8254, 39.7225,
42.2439

■ 20.5873, 30.3457,
40.2465

■ 42.8722, 41.8063,
42.5426

■ 47.3999, 44.1380,
42.8641

■ 52.4239, 46.7255,
43.2089

■ 57.9585, 49.5763,
43.5778

Harmonies

Analogous

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



25.1627, 32.7178, 31.2850



25.2159, 32.7178, 41.0625



26.7671, 32.7178, 50.9081

Triad

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



25.2159, 32.7178, 41.0625



36.0554, 32.7178, 50.3025



32.7054, 32.7178, 20.3413

Complementary

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



25.2159, 32.7178, 41.0625



21.8723, 16.8534, 12.6912

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.



35.8710, 32.7178, 23.7535



25.2159, 32.7178, 41.0625



37.8985, 32.7178, 40.3470

Square

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



25.2159, 32.7178, 41.0625



32.9424, 32.7178, 56.8720



37.8287, 32.7178, 30.6885



29.3224, 32.7178, 20.4623

Rectangle

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



25.2159, 32.7178, 41.0625



28.5113, 32.7178, 55.6682



37.8287, 32.7178, 30.6885



33.8351, 32.7178, 21.0817

Sweetspot

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



25.2169, 32.7191, 41.0633



58.0712, 65.2381, 74.7473



20.4356, 30.8211, 15.2288



12.7451, 14.4703, 16.7060



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.



25.2169, 32.7191, 41.0633



42.5043, 57.2306, 73.2276



19.6380, 21.4137, 39.6589



7.7431, 8.5303, 9.6333



15.7546, 23.2206, 30.8041



0.3846, 0.5655, 0.7565

Inverse Universe

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



21.8723, 16.8534, 12.6912



35.7496, 25.1790, 15.9207



25.7329, 24.6462, 13.7577



7.5351, 7.5439, 7.8689



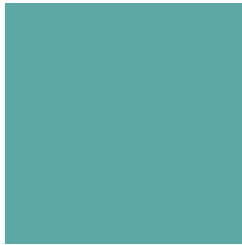
12.2056, 6.2910, 0.6285



0.2982, 0.1536, 0.0219

Previews

White Background



This preview shows how the XYZ color 25.2159, 32.7178, 41.0625 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.2159, 32.7178, 41.0625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

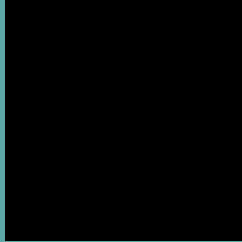
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2159, 32.7178, 41.0625

Background



This preview shows how black text looks on a background with the XYZ color 25.2159, 32.7178, 41.0625.

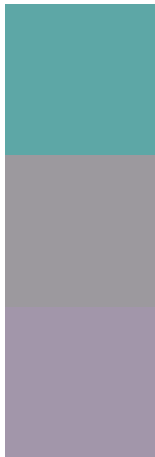


This preview shows how white text looks on a background with the XYZ color 25.2159, 32.7178,

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

25.2159, 32.7178, 41.0625

Protanopia

31.2731, 32.3190, 36.9377

Deuteranopia

33.0623, 32.3964, 42.5408



Tritanopia

26.4208, 32.6660, 47.0321

Trichromacy



Original Color

25.2159, 32.7178, 41.0625

Protanomaly

28.3327, 32.0135, 38.4041

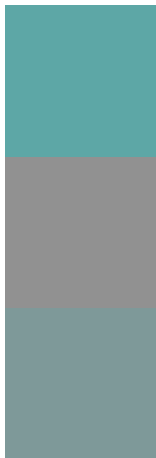
Deuteranomaly

29.3664, 31.9599, 42.1572

Tritanomaly

26.1001, 32.8152, 45.0028

Monochromacy



Original Color

25.2159, 32.7178, 41.0625

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.7452, 29.5180, 34.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2159, 32.7178, 41.0625 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(93, 167, 166)` looks like.

```
.text, #text, p{  
    color:rgb(93, 167, 166)  
}
```

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(93, 167, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 167, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.2159, 32.7178, 41.0625 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(93, 167, 166) }
```


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

```
.border{ border-color:rgb(93, 167, 166) }
```

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

Here you see how a box with a 4 pixel rgb(93, 167, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 167, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 167, 166);  
box-shadow:4px 4px 4px 4px rgb(93, 167,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2159, 32.7178, 41.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 167, 166) }
```

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

```
.background{ background-color: rgb(93, 167,  
166) }
```

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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