

Converting Colors

XYZ(25.4055, 32.2229, 43.9109)

Have a look what the booklet for
XYZ(25.4055, 32.2229, 43.9109)
contains.

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Color

**XYZ(25.4157, 32.2160,
43.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA5AC
RGB	93, 165, 172
RGB Percent	36%, 65%, 67%
CMY	0.6353, 0.3529, 0.3255
CMYK	0.46, 0.04, 0.00, 0.33
HSL	185°, 32%, 52%
HSV	185°, 46%, 67%
XYZ	25.4157, 32.2160, 43.9085
YIQ	144.2700, -45.1590, -13.0870

Conversions

Conversions Part 2

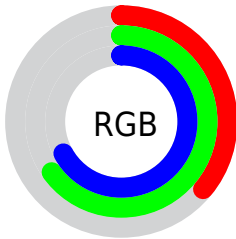
Format	Color
R_{YB}	93, 131, 172
Decimal	6137260
CIE _{Lab}	63.52, -20.64, -10.66
CIE _{LCh}	64, 23.226, 207.308
Yxy	32.2160, 0.2503, 0.3173
Android (android.graphics.Color)	4284327340 (0xFF5DA5AC)
YUV	144.2700, 13.6709, -44.9638
Hunter-Lab	56.7591, -19.3995, -6.1350

Details

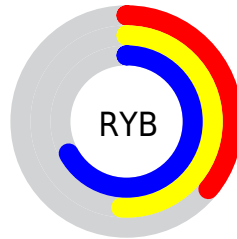
The XYZ color **25.4157, 32.2160, 43.9085** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5467, 18.6757, 12.7203**, and the grayscale version is **26.5785, 27.9627, 30.4513**.

A 20% lighter version of the original color is **51.6711, 63.0284, 82.1154**, and **10.0228, 13.5414, 19.8548** is the 20% darker color. If you saturate the color by 10%, you get **23.5938, 30.8719, 43.7457**, and if you desaturate by 10%, it is **27.6344, 33.7710, 44.0923**.

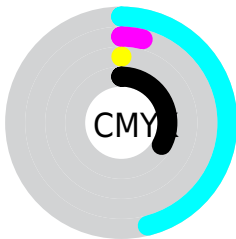
Distribution



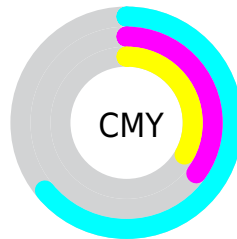
- Red (36%)
- Green (65%)
- Blue (67%)



- Red (36%)
- Yellow (51%)
- Blue (67%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4157, 32.2160, 43.9085 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 25.4157, 32.2160, 43.9085 by changing the saturation by 10% instead.

■ 25.4157, 32.2160,
43.9085

■ 25.4157, 32.2160,
43.9085

272.2115,
312.1020, 378.3652

■ 16.5174, 21.5265,
30.2619

■ 51.7689, 63.1496,
82.3810

■ 9.9842, 13.5094,
19.7837

■ 69.9545, 84.1624,
108.0441

■ 5.4507, 7.7803,
12.0554

■ 91.9665, 109.3852,
138.5497

■ 2.5515, 3.9547,
6.6584

■ 118.1704,
139.2024, 174.3164

■ 0.9213, 1.6482,
3.1742

148.9315,
173.9982, 215.7628

■ 0.0000, 0.3898,
1.1843

184.6151,

■ 0.0000, 0.0000,

214.1572, 263.3073

0.0000

225.5867,
260.0637, 317.3686

■ 25.4157, 32.2160,
43.9085

■ 25.4157, 32.2160,
43.9085

■ 23.5938, 30.8719,
43.7457

■ 27.6344, 33.7710,
44.0923

■ 22.1392, 29.7213,
43.6002

■ 30.2710, 35.5455,
44.2958

■ 21.0229, 28.7499,
43.4716

■ 33.3488, 37.5524,
44.5210

■ 20.2104, 27.9400,
43.3581

■ 36.8883, 39.8022,
44.7687

■ 19.6563, 27.2680,
43.2576

■ 40.9088, 42.3049,
45.0398

■ 19.4636, 27.0128,
43.2185

■ 45.4286, 45.0699,
45.3353

■ 50.4648, 48.1062,
45.6559

■ 56.0340, 51.4221,
46.0025

■ 62.1517, 55.0258,
46.3756

Harmonies

Analogous

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



24.8139, 32.2160, 34.2472



25.4157, 32.2160, 43.9085



27.3798, 32.2160, 52.3215

Triad

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



25.4157, 32.2160, 43.9085



36.1634, 32.2160, 45.6144



30.9136, 32.2160, 20.1137

Complementary

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



25.4157, 32.2160, 43.9085



23.5467, 18.6757, 12.7203

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.



34.1070, 32.2160, 22.1120



25.4157, 32.2160, 43.9085



37.2686, 32.2160, 35.9217

Square

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



25.4157, 32.2160, 43.9085



33.5658, 32.2160, 53.4221



36.4910, 32.2160, 27.5183



27.8525, 32.2160, 21.5022

Rectangle

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



25.4157, 32.2160, 43.9085



29.2730, 32.2160, 55.5018



36.4910, 32.2160, 27.5183



32.0084, 32.2160, 20.4021

Sweetspot

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



25.4167, 32.2172, 43.9093



61.5168, 68.7782, 80.8390



21.5475, 32.7449, 17.1366



13.0939, 14.7703, 17.5485



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4167, 32.2172, 43.9093



42.7853, 55.9927, 79.3584



19.4115, 20.2069, 41.9075



8.1748, 8.9489, 10.2492



14.5044, 20.1426, 32.1680



0.4208, 0.5949, 0.9006

Inverse Universe

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



27.7199, 19.3167, 37.8662



47.5859, 30.0426, 66.5525



28.2344, 28.0511, 14.2829



8.3060, 8.1357, 9.9223



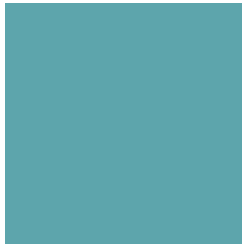
17.1848, 8.3365, 24.4162



0.4868, 0.2354, 0.7252

Previews

White Background



This preview shows how the XYZ color 25.4157, 32.2160, 43.9085 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 25.4157, 32.2160, 43.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

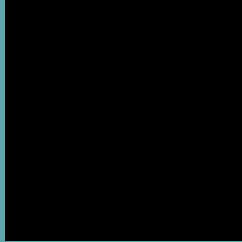
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4157, 32.2160, 43.9085

Background



This preview shows how black text looks on a background with the XYZ color 25.4157, 32.2160, 43.9085.

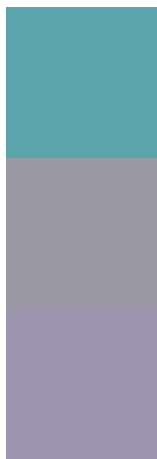


This preview shows how white text looks on a background with the XYZ color 25.4157, 32.2160,

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

25.4157, 32.2160, 43.9085

Protanopia

31.0659, 31.9091, 39.6437

Deuteranopia

32.3899, 31.7581, 44.9802



Tritanopia

25.9306, 32.1581, 46.4354

Trichromacy



Original Color

25.4157, 32.2160, 43.9085

Protanomaly

28.3921, 31.7293, 41.1872

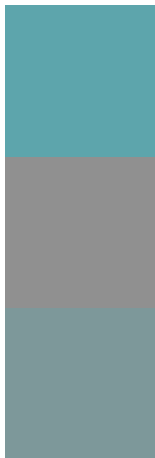
Deuteranomaly

29.1928, 31.5670, 44.5988

Tritanomaly

25.6294, 32.0257, 45.3882

Monochromacy



Original Color

25.4157, 32.2160, 43.9085

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5184, 29.1495, 34.8533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4157, 32.2160, 43.9085 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, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(93, 165, 172)  
}
```

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, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 165, 172) }
```

Border

The CSS property to change the border of an element to XYZ 25.4157, 32.2160, 43.9085 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, 165, 172) }
```


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

```
.border{ border-color:rgb(93, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(93, 165,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4157, 32.2160, 43.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 165, 172) }
```

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

```
.background{ background-color: rgb(93, 165,  
172) }
```

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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