

Converting Colors

XYZ(25.3207, 31.9253, 40.8204)

Have a look what the booklet for
XYZ(25.3207, 31.9253, 40.8204)
contains.

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Color

**XYZ(25.4139, 32.0134,
40.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	64A4A6
RGB	100, 164, 166
RGB Percent	39%, 64%, 65%
CMY	0.6078, 0.3569, 0.3490
CMYK	0.40, 0.01, 0.00, 0.35
HSL	182°, 27%, 52%
HSV	182°, 40%, 65%
XYZ	25.4139, 32.0134, 40.9161
YIQ	145.0920, -38.7860, -12.9460

Conversions

Conversions Part 2

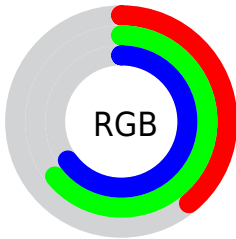
Format	Color
RYB	100, 132, 166
Decimal	6595750
CIELab	63.35, -19.93, -7.51
CIELCh	63, 21.293, 200.646
Yxy	32.0134, 0.2584, 0.3255
Android (android.graphics.Color)	4284785830 (0xFF64A4A6)
YUV	145.0920, 10.3076, -39.5457
Hunter-Lab	56.5804, -18.8398, -3.2693

Details

The XYZ color **25.4139, 32.0134, 40.9161** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.7780, 18.5302, 14.4335**, and the grayscale version is **26.9225, 28.3246, 30.8455**.

A 20% lighter version of the original color is **51.7091, 62.7535, 77.7939**, and **9.9581, 13.3841, 17.9781** is the 20% darker color. If you saturate the color by 10%, you get **23.6722, 30.9830, 40.8096**, and if you desaturate by 10%, it is **27.5320, 33.2399, 41.0417**.

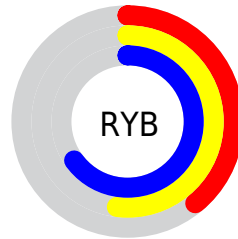
Distribution



Red (39%)

Green (64%)

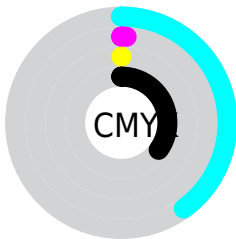
Blue (65%)



Red (39%)

Yellow (52%)

Blue (65%)

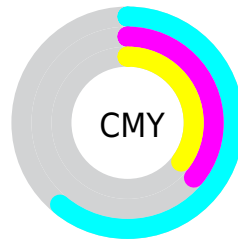


Cyan (40%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4139, 32.0134, 40.9161 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 25.4139, 32.0134, 40.9161 by changing the saturation by 10% instead.

■ 25.4139, 32.0134,
40.9161

■ 25.4139, 32.0134,
40.9161

272.2027,
311.1803, 365.6361

■ 16.5161, 21.3717,
27.9343

■ 51.7660, 62.8321,
77.8088

■ 9.9832, 13.3960,
18.0375

■ 69.9509, 83.7779,
102.5568

■ 5.4500, 7.7018,
10.8072

■ 91.9623, 108.9272,
132.0640

■ 2.5511, 3.9047,
5.8248

■ 118.1654,
138.6645, 166.7488

■ 0.9211, 1.6204,
2.6718

148.9257,
173.3740, 207.0299

■ 0.0000, 0.3713,
0.9292

184.6084,

■ 0.0000, 0.0000,

213.4402, 253.3258

0.0000

225.5790,
259.2475, 306.0550

■ 25.4139, 32.0134,
40.9161

■ 25.4139, 32.0134,
40.9161

■ 23.6722, 30.9830,
40.8096

■ 27.5320, 33.2399,
41.0417

■ 22.2811, 30.1331,
40.7188

■ 30.0446, 34.6695,
41.1853

■ 21.2162, 29.4519,
40.6435

■ 32.9719, 36.3134,
41.3483

■ 20.4487, 28.9246,
40.5822

■ 36.3322, 38.1811,
41.5317

■ 19.9449, 28.5337,
40.5333

■ 40.1424, 40.2813,
41.7362

■ 19.6307, 28.2412,
40.4933

■ 44.4187, 42.6222,
41.9627

■ 19.6236, 28.2343,
40.4924

■ 49.1765, 45.2119,
42.2118

■ 54.4302, 48.0578,
42.4842

■ 60.1940, 51.1672,
42.7806

Harmonies

Analogous

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



25.1581, 32.0134, 32.2784



25.4139, 32.0134, 40.9161



26.9648, 32.0134, 49.0165

Triad

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



25.4139, 32.0134, 40.9161



35.0367, 32.0134, 46.2289



31.3608, 32.0134, 21.1387

Complementary

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



25.4139, 32.0134, 40.9161



22.7780, 18.5302, 14.4335

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.



34.1753, 32.0134, 23.7266



25.4139, 32.0134, 40.9161



36.3863, 32.0134, 37.5698

Square

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



25.4139, 32.0134, 40.9161



32.4757, 32.0134, 52.4121



36.0612, 32.0134, 29.4280



28.4678, 32.0134, 21.7381

Rectangle

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



25.4139, 32.0134, 40.9161



28.5831, 32.0134, 52.5770



36.0612, 32.0134, 29.4280



32.3501, 32.0134, 21.6466

Sweetspot

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



25.4149, 32.0147, 40.9168



58.4587, 65.1320, 74.9659



21.2463, 30.9239, 17.1875



12.9307, 14.4905, 16.7676



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.



25.4149, 32.0147, 40.9168



43.2102, 56.3792, 74.0801



20.3768, 21.9386, 39.2375



7.7278, 8.4925, 9.6503



15.2233, 21.9069, 31.4016



0.3762, 0.5446, 0.7659

Inverse Universe

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



26.9846, 19.9024, 37.5426



46.5004, 31.2937, 66.9403



26.5657, 26.1056, 15.6960



7.8320, 7.6626, 9.4323



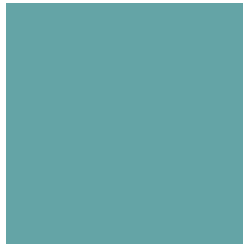
17.1846, 8.2826, 26.8476



0.4210, 0.2027, 0.6686

Previews

White Background



This preview shows how the XYZ color 25.4139, 32.0134, 40.9161 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 25.4139, 32.0134, 40.9161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

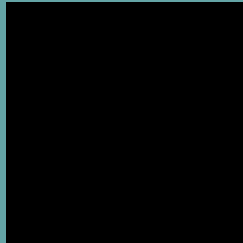
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4139, 32.0134, 40.9161

Background



This preview shows how black text looks on a background with the XYZ color 25.4139, 32.0134, 40.9161.

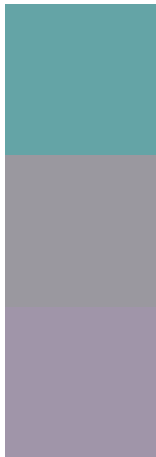


This preview shows how white text looks on a background with the XYZ color 25.4139, 32.0134,

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

25.4139, 32.0134, 40.9161

Protanopia

30.8127, 31.8297, 37.3206

Deuteranopia

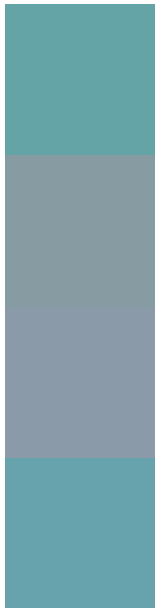
32.4061, 31.8330, 41.9725



Tritanopia

26.5272, 32.2125, 45.8938

Trichromacy



Original Color

25.4139, 32.0134, 40.9161

Protanomaly

28.2416, 31.4539, 38.7651

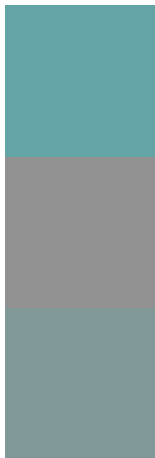
Deuteranomaly

29.1047, 31.3416, 41.5613

Tritanomaly

26.0231, 31.9977, 43.8343

Monochromacy



Original Color

25.4139, 32.0134, 40.9161

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0313, 29.4235, 34.4443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4139, 32.0134, 40.9161 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(100, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(100, 164, 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(100, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 164, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.4139, 32.0134, 40.9161 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(100, 164, 166) }
```


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

```
.border{ border-color:rgb(100, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(100, 164,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4139, 32.0134, 40.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 164, 166) }
```

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

```
.background{ background-color: rgb(100,  
164, 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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