

Converting Colors

XYZ(32.2593, 40.9915, 55.5069)

Have a look what the booklet for
XYZ(32.2593, 40.9915, 55.5069)
contains.

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Color

**XYZ(32.2534, 40.9856,
55.5013)**

Conversions

Conversions Part 1

Format	Color
Hex	68B8BF
RGB	104, 184, 191
RGB Percent	41%, 72%, 75%
CMY	0.5921, 0.2784, 0.2510
CMYK	0.46, 0.04, 0.00, 0.25
HSL	185°, 40%, 58%
HSV	185°, 46%, 75%
XYZ	32.2534, 40.9856, 55.5013
YIQ	160.8780, -49.9270, -14.7830

Conversions

Conversions Part 2

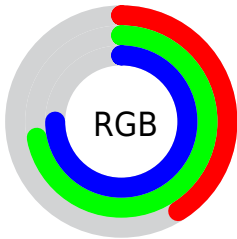
Format	Color
RYB	104, 146, 191
Decimal	6863039
CIELab	70.17, -22.65, -11.20
CIElCh	70, 25.272, 206.312
Yxy	40.9856, 0.2505, 0.3184
Android (android.graphics.Color)	4285053119 (0xFF68B8BF)
YUV	160.8780, 14.8501, -49.8820
Hunter-Lab	64.0200, -22.1063, -6.5867

Details

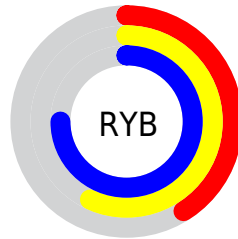
The XYZ color **32.2534, 40.9856, 55.5013** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.6698, 23.4455, 16.0595**, and the grayscale version is **33.7706, 35.5293, 38.6914**.

A 20% lighter version of the original color is **62.4458, 76.5092, 99.4722**, and **13.8305, 18.6484, 26.9153** is the 20% darker color. If you saturate the color by 10%, you get **29.9654, 39.3358, 55.3042**, and if you desaturate by 10%, it is **35.0495, 42.9044, 55.7250**.

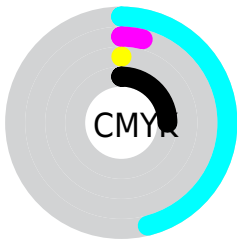
Distribution



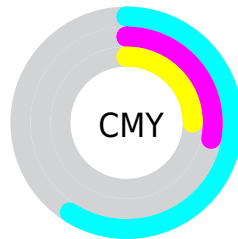
- Red (41%)
- Green (72%)
- Blue (75%)



- Red (41%)
- Yellow (57%)
- Blue (75%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)




- Cyan (59%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2534, 40.9856, 55.5013 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 32.2534, 40.9856, 55.5013 by changing the saturation by 10% instead.


 32.2534, 40.9856,
55.5013


 32.2534, 40.9856,
55.5013


303.9968,
350.2604, 425.1448


 21.7116, 28.3078,
39.4019


 62.5706, 76.6620,
99.7536


 13.7606, 18.5578,
26.7623


 83.0768, 100.4295,
128.7435

 8.0349, 11.3512,
17.1639


 107.6351,
128.6623, 162.8674

 4.1693, 6.3036,
10.1882

 136.6110,
161.7449, 202.5438

 1.7983, 3.0305,
5.4167

170.3697,
200.0615, 248.1911

 0.5167, 1.1477,
2.4308

209.2767,

 0.0000, 0.0184,

243.9968, 300.2281

0.8031

253.6973,
293.9349, 359.0731

■ 0.0000, 0.0000,
0.0000

■ 32.2534, 40.9856,
55.5013

■ 32.2534, 40.9856,
55.5013

■ 29.9654, 39.3358,
55.3042

■ 35.0495, 42.9044,
55.7250

■ 28.1474, 37.9324,
55.1291

■ 38.3810, 45.1034,
55.9739

■ 26.7619, 36.7572,
54.9753

■ 42.2778, 47.5991,
56.2502

■ 25.7642, 35.7870,
54.8406

■ 46.7666, 50.4050,
56.5552

■ 25.0989, 34.9931,
54.7224

■ 51.8721, 53.5342,
56.8901

■ 24.8583, 34.6700,
54.6728

■ 57.6178, 56.9986,
57.2560

■ 64.0260, 60.8097,
57.6539

■ 70.4506, 64.6346,
58.0535

■ 70.7996, 65.3327,
58.1699

Harmonies

Analogous

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



31.5467, 40.9856, 43.1774



32.2534, 40.9856, 55.5013



34.7092, 40.9856, 66.3845

Triad

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



32.2534, 40.9856, 55.5013



45.9539, 40.9856, 58.4878



39.4693, 40.9856, 25.5393

Complementary

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



32.2534, 40.9856, 55.5013



29.6698, 23.4455, 16.0595

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.



43.5349, 40.9856, 28.2325



32.2534, 40.9856, 55.5013



47.4421, 40.9856, 46.1074

Square

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



32.2534, 40.9856, 55.5013



42.5877, 40.9856, 68.3118



46.5273, 40.9856, 35.2737



35.5361, 40.9856, 27.1666

Rectangle

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



32.2534, 40.9856, 55.5013



37.1040, 40.9856, 70.6120



46.5273, 40.9856, 35.2737



40.8678, 40.9856, 25.9549

Sweetspot

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



32.2546, 40.9872, 55.5023



76.7231, 85.8830, 100.8125



27.1443, 41.3270, 21.2422



16.4865, 18.6309, 22.1125



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.2546, 40.9872, 55.5023



53.5495, 70.3617, 99.0379



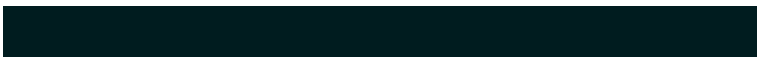
24.7424, 25.9627, 52.9982



9.7412, 10.6746, 12.2192



16.3641, 22.8398, 35.9390



0.6606, 0.9339, 1.4143

Inverse Universe

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



35.0890, 24.4388, 48.2168



59.3988, 37.3537, 83.7462



35.4259, 34.9577, 17.9782



9.8960, 9.6827, 11.8411



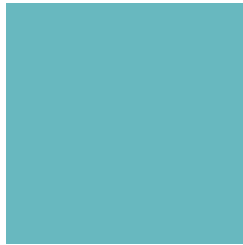
19.2606, 9.3354, 27.7296



0.7644, 0.3696, 1.1384

Previews

White Background



This preview shows how the XYZ color 32.2534, 40.9856, 55.5013 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 32.2534, 40.9856, 55.5013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

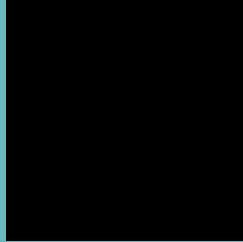
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2534, 40.9856, 55.5013

Background



This preview shows how black text looks on a background with the XYZ color 32.2534, 40.9856, 55.5013.

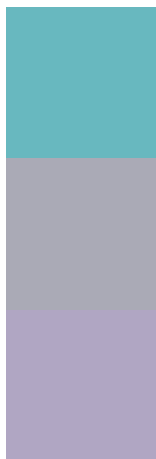


This preview shows how white text looks on a background with the XYZ color 32.2534, 40.9856,

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

32.2534, 40.9856, 55.5013

Protanopia

39.3958, 40.6729, 50.0302

Deuteranopia

41.3910, 40.4427, 57.2544



Tritanopia

33.0704, 41.0084, 59.5985

Trichromacy



Original Color

32.2534, 40.9856, 55.5013

Protanomaly

35.9410, 40.2737, 51.7783

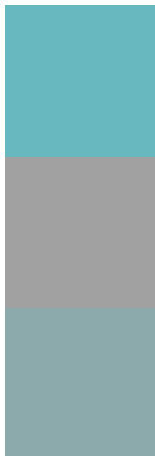
Deuteranomaly

37.2589, 40.2662, 56.8473

Tritanomaly

32.6095, 40.8104, 57.7882

Monochromacy



Original Color

32.2534, 40.9856, 55.5013

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.4496, 36.9299, 44.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2534, 40.9856, 55.5013 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(104, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(104, 184, 191)  
}
```

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(104, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 184, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.2534, 40.9856, 55.5013 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(104, 184, 191) }
```


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

```
.border{ border-color:rgb(104, 184, 191) }
```

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

Here you see how a box with a 4 pixel rgb(104, 184, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(104, 184,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2534, 40.9856, 55.5013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 184, 191) }
```

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

```
.background{ background-color: rgb(104,  
184, 191) }
```

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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