

Converting Colors

XYZ(27.6922, 40.2287, 54.4495)

Have a look what the booklet for
XYZ(27.6922, 40.2287, 54.4495)
contains.

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Color

**XYZ(27.6922, 40.2287,
54.4495)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 15BDBD |
| RGB | 21, 189, 189 |
| RGB Percent | 8%, 74%, 74% |
| CMY | 0.9175, 0.2588, 0.2588 |
| CMYK | 0.89, 0.00, 0.00, 0.26 |
| HSL | 180°, 80%, 41% |
| HSV | 180°, 89%, 74% |
| XYZ | 27.6922, 40.2287, 54.4495 |
| YIQ | 138.7680, -100.1280, -35.6160 |

Conversions

Conversions Part 2

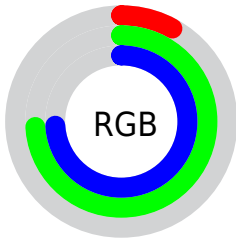
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 21, 105, 189 |
| Decimal | 1424829 |
| CIE _{Lab} | 69.63, -37.63, -11.11 |
| CIE _{LCh} | 70, 39.239, 196.442 |
| Yxy | 40.2287, 0.2263, 0.3287 |
| Android (android.graphics.Color) | 4279614909 (0xFF15BDBD) |
| YUV | 138.7680, 24.7644, -103.2825 |
| Hunter-Lab | 63.4261, -33.0615, -6.5005 |

Details

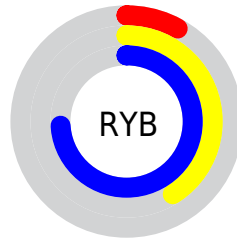
The XYZ color **27.6922, 40.2287, 54.4495** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.3912, 11.4107, 1.7859**, and the grayscale version is **24.3903, 25.6605, 27.9443**.

A 20% lighter version of the original color is **55.3811, 75.5683, 98.0535**, and **13.1079, 19.1055, 26.2894** is the 20% darker color. If you saturate the color by 10%, you get **27.4102, 40.0842, 54.4371**, and if you desaturate by 10%, it is **28.2558, 40.5201, 54.4769**.

Distribution



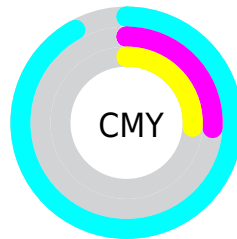
- Red (8%)
- Green (74%)
- Blue (74%)



- Red (8%)
- Yellow (41%)
- Blue (74%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)





- Cyan (92%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6922, 40.2287, 54.4495 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 27.6922, 40.2287, 54.4495 by changing the saturation by 10% instead.


 27.6922, 40.2287,
54.4495


 27.6922, 40.2287,
54.4495


283.1000,
347.0866, 421.0448


 18.2330, 27.7169,
38.5655


 55.4047, 75.5116,
98.1970

 11.2181, 18.1124,
26.1167


 74.3888, 99.0516,
126.8975


 6.2821, 11.0307,
16.6844


 97.2786, 127.0364,
160.7074

 3.0597, 6.0875,
9.8502

 124.4394,
159.8504, 200.0451

 1.1854, 2.8983,
5.1954

 156.2366,
197.8780, 245.3291

 0.0948, 1.0789,
2.3016

193.0355,

 0.0000, 0.0000,

241.5036, 296.9780

0.7321

235.2015,
291.1117, 355.4104

■ 0.0000, 0.0000,
0.0000

■ 27.6922, 40.2287,
54.4495

■ 27.6922, 40.2287,
54.4495

■ 27.4102, 40.0842,
54.4371

■ 28.2558, 40.5201,
54.4769

■ 27.3836, 40.0705,
54.4359

■ 29.1770, 40.9950,
54.5201

■ 30.5032, 41.6787,
54.5822

■ 32.2738, 42.5915,
54.6651

■ 34.5235, 43.7512,
54.7705

■ 37.2836, 45.1741,
54.8998

■ 40.5826, 46.8748,
55.0542

■ 44.4472, 48.8671,
55.2352

■ 48.9020, 51.1636,
55.4437

Harmonies

Analogous

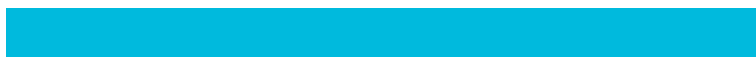
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.5643, 40.2287, 36.1142



27.6922, 40.2287, 54.4495



30.4335, 40.2287, 74.2986

Triad

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



27.6922, 40.2287, 54.4495



47.7716, 40.2287, 72.5451



41.1669, 40.2287, 17.8674

Complementary

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



27.6922, 40.2287, 54.4495



21.3912, 11.4107, 1.7859

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.



47.2700, 40.2287, 23.0548



27.6922, 40.2287, 54.4495



51.3584, 40.2287, 52.5105

Square

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



27.6922, 40.2287, 54.4495



41.7926, 40.2287, 86.5627



51.1653, 40.2287, 34.6421



34.8874, 40.2287, 18.1187

Rectangle

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



27.6922, 40.2287, 54.4495



33.5664, 40.2287, 84.2486



51.1653, 40.2287, 34.6421



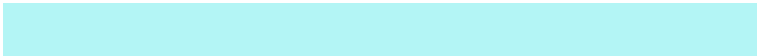
43.3202, 40.2287, 18.9544

Sweetspot

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



27.6934, 40.2302, 54.4505



67.5648, 81.3127, 98.3597



18.7063, 36.6426, 6.7976



14.1342, 17.2821, 21.1333



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.6934, 40.2302, 54.4505



49.0426, 71.7641, 97.4918



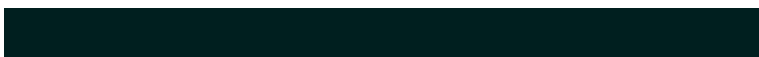
14.8384, 14.5199, 50.1661



9.8086, 10.8096, 12.2417



18.4240, 26.9599, 36.6251



0.7217, 1.0560, 1.4346

Inverse Universe

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



21.3912, 11.4107, 1.7859



37.5865, 19.3765, 1.7591



25.8950, 20.4184, 3.2871



9.5302, 9.5364, 9.9151



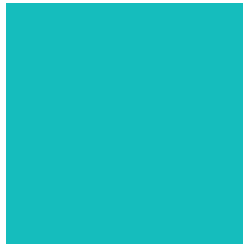
14.1202, 7.2792, 0.6608



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 27.6922, 40.2287, 54.4495 looks on a white background.

Color Contrast Check

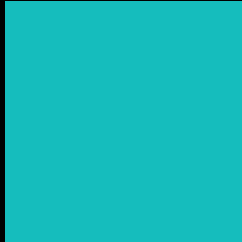
Large Text (above 18pt) WCAG AA × Fail

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 27.6922, 40.2287, 54.4495 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

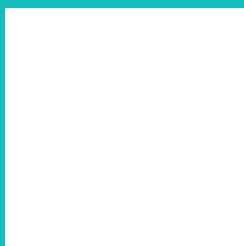
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6922, 40.2287, 54.4495

Background



This preview shows how black text looks on a background with the XYZ color 27.6922, 40.2287, 54.4495.

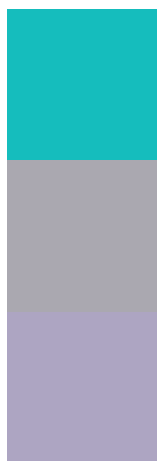


This preview shows how white text looks on a background with the XYZ color 27.6922, 40.2287,

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

27.6922, 40.2287, 54.4495

Protanopia

38.4167, 39.6859, 46.7097

Deuteranopia

40.4263, 39.6895, 56.5691



Tritanopia

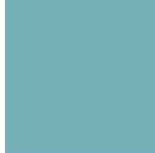
29.2677, 40.2363, 62.1009

Trichromacy



Original Color

27.6922, 40.2287, 54.4495



Protanomaly

31.0683, 38.0999, 49.4326



Deuteranomaly

32.1217, 37.9294, 55.4973



Tritanomaly

28.6569, 40.3047, 59.0925

Monochromacy



Original Color

27.6922, 40.2287, 54.4495



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

22.9666, 29.0351, 36.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6922, 40.2287, 54.4495 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(21, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(21, 189, 189)  
}
```

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(21, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.6922, 40.2287, 54.4495 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(21, 189, 189) }
```


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

```
.border{ border-color:rgb(21, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(21, 189,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6922, 40.2287, 54.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 189, 189) }
```

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

```
.background{ background-color: rgb(21, 189,  
189) }
```

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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