

Converting Colors

XYZ(24.2056, 32.6922, 45.1916)

Have a look what the booklet for
XYZ(24.2056, 32.6922, 45.1916)
contains.

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Color

**XYZ(24.1427, 32.6252,
45.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	43A9AE
RGB	67, 169, 174
RGB Percent	26%, 66%, 68%
CMY	0.7372, 0.3372, 0.3176
CMYK	0.61, 0.03, 0.00, 0.32
HSL	183°, 44%, 47%
HSV	183°, 61%, 68%
XYZ	24.1427, 32.6252, 45.0692
YIQ	139.0720, -62.3970, -20.0690

Conversions

Conversions Part 2

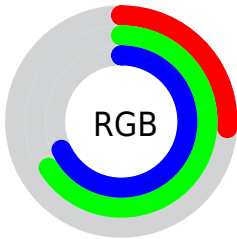
Format	Color
RYB	67, 119, 174
Decimal	4434350
CIELab	63.86, -27.55, -11.37
CIELCh	64, 29.807, 202.421
Yxy	32.6252, 0.2371, 0.3204
Android (android.graphics.Color)	4282624430 (0xFF43A9AE)
YUV	139.0720, 17.2195, -63.2071
Hunter-Lab	57.1185, -24.5094, -6.7997

Details

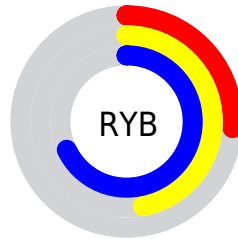
The XYZ color **24.1427, 32.6252, 45.0692** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.7868, 14.0395, 6.9255**, and the grayscale version is **24.5224, 25.7995, 28.0956**.

A 20% lighter version of the original color is **49.8205, 64.0196, 83.8599**, and **9.7582, 13.8959, 20.5802** is the 20% darker color. If you saturate the color by 10%, you get **22.9738, 31.7995, 44.9720**, and if you desaturate by 10%, it is **25.6729, 33.6400, 45.1850**.

Distribution



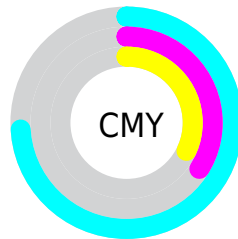
- Red (26%)
- Green (66%)
- Blue (68%)



- Red (26%)
- Yellow (47%)
- Blue (68%)



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (74%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1427, 32.6252, 45.0692 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 24.1427, 32.6252, 45.0692 by changing the saturation by 10% instead.

■ 24.1427, 32.6252,
45.0692

■ 24.1427, 32.6252,
45.0692

265.9682,
313.9575, 383.2220

■ 15.5648, 21.8395,
31.1686

■ 49.7159, 63.7899,
84.1438

■ 9.3056, 13.7390,
20.4677

■ 67.4420, 84.9377,
110.1549

■ 4.9998, 7.9394,
12.5480

■ 88.9482, 110.3083,
141.0398

■ 2.2819, 4.0562,
6.9910

■ 114.5999,
140.2862, 177.2172

■ 0.7854, 1.7050,
3.3781

■ 144.7623,
175.2556, 219.1056

■ 0.0000, 0.4269,
1.2908

179.8010,

■ 0.0000, 0.0000,

215.6010, 267.1235

0.0542

220.0812,
261.7069, 321.6895

■ 0.0000, 0.0000,
0.0000

■ 24.1427, 32.6252,
45.0692

■ 24.1427, 32.6252,
45.0692

■ 22.9738, 31.7995,
44.9720

■ 25.6729, 33.6400,
45.1850

■ 22.1300, 31.1421,
44.8896

■ 27.5905, 34.8551,
45.3185

■ 21.5729, 30.6339,
44.8209

■ 29.9226, 36.2854,
45.4716

■ 21.2531, 30.2820,
44.7698

■ 32.6932, 37.9431,
45.6456

■ 35.9242, 39.8396,
45.8413

■ 39.6363, 41.9854,
46.0599

■ 43.8487, 44.3907,
46.3021

■ 48.5798, 47.0647,
46.5689

■ 53.8468, 50.0164,
46.8610

Harmonies

Analogous

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



23.6898, 32.6252, 32.5663



24.1427, 32.6252, 45.0692



26.3513, 32.6252, 57.1236

Triad

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



24.1427, 32.6252, 45.0692



37.8417, 32.6252, 51.5327



32.0840, 32.6252, 17.2105

Complementary

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



24.1427, 32.6252, 45.0692



20.7868, 14.0395, 6.9255

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.



36.1861, 32.6252, 20.1969



24.1427, 32.6252, 45.0692



39.6997, 32.6252, 38.6541

Square

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



24.1427, 32.6252, 45.0692



34.1843, 32.6252, 61.4030



39.0681, 32.6252, 27.4305



28.0372, 32.6252, 18.1796

Rectangle

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



24.1427, 32.6252, 45.0692



28.6393, 32.6252, 62.3680



39.0681, 32.6252, 27.4305



33.5065, 32.6252, 17.7565

Sweetspot

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



24.1437, 32.6264, 45.0700



61.0684, 69.8677, 82.9040



18.5751, 31.9155, 11.0709



13.2176, 15.3190, 18.4045



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.1437, 32.6264, 45.0700



41.0210, 57.1907, 81.5137



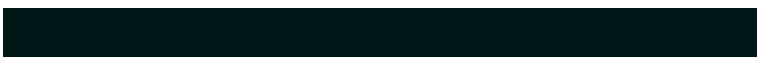
16.3092, 16.9575, 42.4585



8.2038, 9.0070, 10.2588



15.4272, 21.9882, 32.4756



0.4387, 0.6308, 0.9066

Inverse Universe

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



26.6250, 15.8785, 39.1989



46.0270, 24.5714, 69.4066



25.6855, 23.8370, 8.5584



8.3207, 8.1415, 9.9995



17.6506, 8.5228, 26.8691



0.4958, 0.2390, 0.7729

Previews

White Background



This preview shows how the XYZ color 24.1427, 32.6252, 45.0692 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 24.1427, 32.6252, 45.0692 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

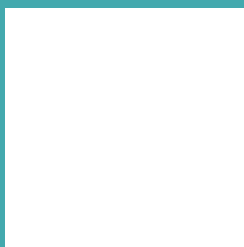
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1427, 32.6252, 45.0692

Background



This preview shows how black text looks on a background with the XYZ color 24.1427, 32.6252, 45.0692.

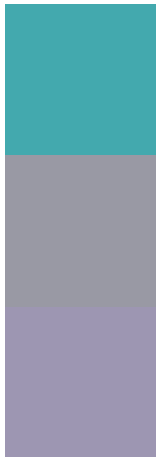


This preview shows how white text looks on a background with the XYZ color 24.1427, 32.6252,

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

24.1427, 32.6252, 45.0692

Protanopia

31.2289, 32.2351, 39.6980

Deuteranopia

32.8469, 32.1951, 46.6025



Tritanopia

24.8689, 32.6436, 48.7062

Trichromacy



Original Color

24.1427, 32.6252, 45.0692

Protanomaly

27.4921, 31.7610, 41.7273

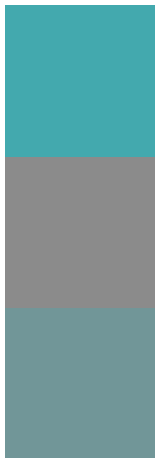
Deuteranomaly

28.3050, 31.5734, 46.1974

Tritanomaly

24.4928, 32.4848, 47.0988

Monochromacy



Original Color

24.1427, 32.6252, 45.0692

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3839, 27.5904, 33.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1427, 32.6252, 45.0692 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(67, 169, 174)` looks like.

```
.text, #text, p{  
    color:rgb(67, 169, 174)  
}
```

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(67, 169, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 169, 174) }
```

Border

The CSS property to change the border of an element to XYZ 24.1427, 32.6252, 45.0692 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(67, 169, 174) }
```


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

```
.border{ border-color:rgb(67, 169, 174) }
```

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

Here you see how a box with a 4 pixel rgb(67, 169, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 169, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 169, 174);  
box-shadow:4px 4px 4px 4px rgb(67, 169,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1427, 32.6252, 45.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 169, 174) }
```

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

```
.background{ background-color: rgb(67, 169,  
174) }
```

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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