

Converting Colors

XYZ(9.0989, 13.3144, 18.0879)

Have a look what the booklet for
XYZ(9.0989, 13.3144, 18.0879)
contains.

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Color

**XYZ(9.0546, 13.2495,
17.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	007272
RGB	0, 114, 114
RGB Percent	0%, 45%, 45%
CMY	0.9999, 0.5529, 0.5529
CMYK	1.00, 0.00, 0.00, 0.55
HSL	180°, 100%, 22%
HSV	180°, 100%, 45%
XYZ	9.0546, 13.2495, 17.9998
YIQ	79.9140, -67.9440, -24.1680

Conversions

Conversions Part 2

Format	Color
RYB	0, 57, 114
Decimal	29298
CIELab	43.14, -26.54, -7.81
CIELCh	43, 27.667, 196.387
Yxy	13.2495, 0.2247, 0.3287
Android (android.graphics.Color)	4278219378 (0xFF007272)
YUV	79.9140, 16.8044, -70.0846
Hunter-Lab	36.3999, -19.2972, -3.8391

Details

The XYZ color **9.0546, 13.2495, 17.9998** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.9399, 3.5779, 0.3253**, and the grayscale version is **7.5872, 7.9823, 8.6927**.

A 20% lighter version of the original color is **23.6610, 31.6453, 40.9375**, and **2.8737, 4.1739, 5.8084** is the 20% darker color. If you saturate the color by 10%, you get **9.0548, 13.2499, 18.0001**, and if you desaturate by 10%, it is **9.1984, 13.3239, 18.0068**.

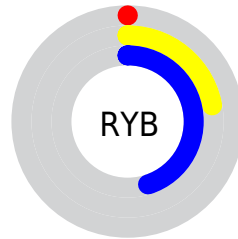
Distribution



Red (0%)

Green (45%)

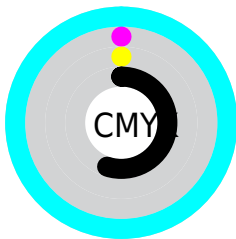
Blue (45%)



Red (0%)

Yellow (22%)

Blue (45%)

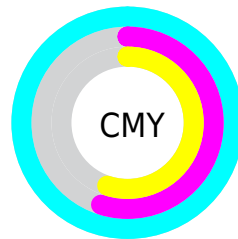


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0546, 13.2495, 17.9998 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 9.0546, 13.2495, 17.9998 by changing the saturation by 10% instead.

9.0546, 13.2495,
17.9998

9.0546, 13.2495,
17.9998

177.9831,
212.5105, 253.1060

4.8342, 7.6006,
10.7804

23.6676, 31.7513,
40.8509

2.1841, 3.8404,
5.8071

34.7908, 45.3730,
57.3197

0.7343, 1.5847,
2.6612

48.9458, 62.4210,
77.7087

0.0000, 0.3473,
0.9238

66.4978, 83.2798,
102.4365

0.0000, 0.0000,
0.0000

87.8121, 108.3338,
131.9216

113.2543,

137.9673, 166.5825

143.1895,
172.5647, 206.8378

■ 9.0546, 13.2495,
17.9998

■ 9.0546, 13.2495,
17.9998

■ 9.0548, 13.2499,
18.0001

■ 9.1984, 13.3239,
18.0068

■ 9.4040, 13.4299,
18.0165

■ 9.7217, 13.5937,
18.0314

■ 10.1644, 13.8219,
18.0521

■ 10.7431, 14.1203,
18.0792

■ 11.4679, 14.4939,
18.1131

■ 12.3477, 14.9474,
18.1543

■ 13.3907, 15.4851,
18.2032

■ 14.6046, 16.1109,
18.2600

Harmonies

Analogous

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



9.0134, 13.2495, 11.8351



9.0546, 13.2495, 17.9998



9.9712, 13.2495, 24.7092

Triad

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



9.0546, 13.2495, 17.9998



15.8016, 13.2495, 24.1382



13.5833, 13.2495, 5.7580

Complementary

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



9.0546, 13.2495, 17.9998



6.9399, 3.5779, 0.3253

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.



15.6389, 13.2495, 7.4847



9.0546, 13.2495, 17.9998



17.0139, 13.2495, 17.3709

Square

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



9.0546, 13.2495, 17.9998



13.7859, 13.2495, 28.8811



16.9512, 13.2495, 11.3604



11.4714, 13.2495, 5.8381

Rectangle

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



9.0546, 13.2495, 17.9998



11.0211, 13.2495, 28.0844



16.9512, 13.2495, 11.3604



14.3083, 13.2495, 6.1195

Sweetspot

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



9.0550, 13.2500, 18.0001



21.5661, 26.1984, 31.8955



6.0416, 12.0474, 2.0074



4.8673, 5.9968, 7.3707



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



9.0550, 13.2500, 18.0001



15.9116, 23.2834, 31.6307



4.5968, 4.3336, 16.5142



3.4750, 3.8152, 4.3075



10.0795, 14.7493, 20.0371



50.2103, 73.4728, 99.8135

Inverse Universe

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



6.9399, 3.5779, 0.3253



12.1947, 6.2866, 0.5707



8.3111, 6.3203, 0.7824



3.3845, 3.4015, 3.5515



7.7249, 3.9824, 0.3615



38.4813, 19.8379, 1.8009

Previews

White Background



This preview shows how the XYZ color 9.0546, 13.2495, 17.9998 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 9.0546, 13.2495, 17.9998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

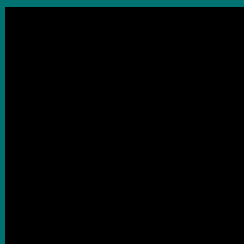
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.0546, 13.2495, 17.9998

Background



This preview shows how black text looks on a background with the XYZ color 9.0546, 13.2495, 17.9998.



This preview shows how white text looks on a background with the XYZ color 9.0546, 13.2495,

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

9.0546, 13.2495, 17.9998

Protanopia

12.7347, 13.1727, 15.5071

Deuteranopia

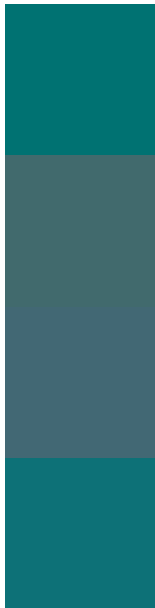
13.3816, 13.1511, 18.6627



Tritanopia

9.7272, 13.3748, 20.4813

Trichromacy



Original Color

9.0546, 13.2495, 17.9998

Protanomaly

10.0943, 12.5360, 16.3557

Deuteranomaly

10.3495, 12.3198, 18.3555

Tritanomaly

9.4009, 13.2277, 19.5105

Monochromacy



Original Color

9.0546, 13.2495, 17.9998

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

7.1242, 9.1308, 11.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0546, 13.2495, 17.9998 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(0, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 114)  
}
```

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(0, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 114) }
```

Border

The CSS property to change the border of an element to XYZ 9.0546, 13.2495, 17.9998 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(0, 114, 114) }
```


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

```
.border{ border-color:rgb(0, 114, 114) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0546, 13.2495, 17.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 114) }
```

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

```
.background{ background-color: rgb(0, 114,  
114) }
```

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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