

Converting Colors

XYZ(8.9675, 11.6257, 17.3913)

Have a look what the booklet for
XYZ(8.9675, 11.6257, 17.3913)
contains.

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Color

**XYZ(8.9697, 11.6284,
17.3945)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6871
RGB	44, 104, 113
RGB Percent	17%, 41%, 44%
CMY	0.8274, 0.5921, 0.5569
CMYK	0.61, 0.08, 0.00, 0.56
HSL	188°, 44%, 31%
HSV	188°, 61%, 44%
XYZ	8.9697, 11.6284, 17.3945
YIQ	87.0860, -38.6490, -9.9210

Conversions

Conversions Part 2

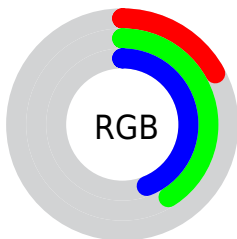
Format	Color
RYB	44, 76, 113
Decimal	2910321
CIELab	40.62, -16.41, -10.90
CIElCh	41, 19.699, 213.600
Yxy	11.6284, 0.2361, 0.3061
Android (android.graphics.Color)	4281100401 (0xFF2C6871)
YUV	87.0860, 12.7756, -37.7864
Hunter-Lab	34.1004, -12.7235, -6.3733

Details

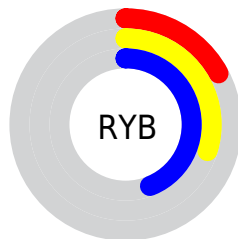
The XYZ color **8.9697, 11.6284, 17.3945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.5381, 6.2391, 3.1376**, and the grayscale version is **9.0574, 9.5290, 10.3771**.

A 20% lighter version of the original color is **23.4426, 28.7007, 39.9015**, and **2.4173, 3.3079, 5.5121** is the 20% darker color. If you saturate the color by 10%, you get **8.4019, 11.1176, 17.3260**, and if you desaturate by 10%, it is **9.6731, 12.2134, 17.4706**.

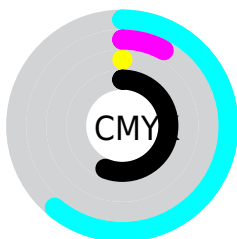
Distribution



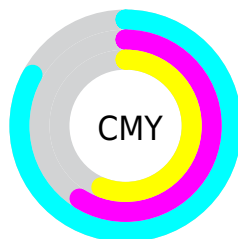
- Red (17%)
- Green (41%)
- Blue (44%)



- Red (17%)
- Yellow (30%)
- Blue (44%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9697, 11.6284, 17.3945 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 8.9697, 11.6284, 17.3945 by changing the saturation by 10% instead.

8.9697, 11.6284,
17.3945

8.9697, 11.6284,
17.3945

177.3635,
201.9294, 249.5561

4.7784, 6.4912,
10.3512

23.5063, 28.8165,
39.8027

2.1512, 3.1460,
5.5238

34.5823, 41.6361,
56.0048

0.7168, 1.2084,
2.4937

48.6839, 57.7854,
76.0968

0.0000, 0.0686,
0.8368

66.1765, 77.6486,
100.4974

0.0000, 0.0000,
0.0000

87.4254, 101.6103,
129.6251

112.7960,

130.0547, 163.8984

142.6536,
163.3663, 203.7359

■ 8.9697, 11.6284,
17.3945

■ 8.9697, 11.6284,
17.3945

■ 8.4019, 11.1176,
17.3260

■ 9.6731, 12.2134,
17.4706

■ 7.9575, 10.6741,
17.2639

■ 10.5208, 12.8765,
17.5539

■ 7.6242, 10.2915,
17.2076

■ 11.5220, 13.6226,
17.6451

■ 7.3730, 9.9769,
17.1601

■ 12.6850, 14.4559,
17.7447

■ 14.0172, 15.3804,
17.8529

■ 15.5257, 16.3998,
17.9701

■ 17.2173, 17.5175,
18.0967

■ 19.0983, 18.7369,
18.2329

■ 21.1747, 20.0609,
18.3791

Harmonies

Analogous

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



8.5907, 11.6284, 13.1488



8.9697, 11.6284, 17.3945



9.9046, 11.6284, 20.8429

Triad

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



8.9697, 11.6284, 17.3945



13.6273, 11.6284, 16.3845



10.8852, 11.6284, 6.4486

Complementary

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



8.9697, 11.6284, 17.3945



8.5381, 6.2391, 3.1376

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.



12.2857, 11.6284, 6.9618



8.9697, 11.6284, 17.3945



13.9446, 11.6284, 12.1861

Square

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



8.9697, 11.6284, 17.3945



12.6007, 11.6284, 20.1790



13.4350, 11.6284, 8.8756



9.6365, 11.6284, 7.2899

Rectangle

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



8.9697, 11.6284, 17.3945



10.7568, 11.6284, 21.9084



13.4350, 11.6284, 8.8756



11.3535, 11.6284, 6.4695

Sweetspot

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



8.9701, 11.6288, 17.3948



23.2997, 26.2964, 31.8232



7.5651, 12.5944, 5.2874



5.2670, 5.9963, 7.3495



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.



8.9701, 11.6288, 17.3948



14.7099, 19.5848, 30.9804



6.2382, 6.1650, 16.4841



3.4397, 3.7446, 4.2957



8.3534, 11.2971, 19.4619



41.1659, 55.3836, 96.7996

Inverse Universe

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



10.2098, 6.3119, 13.7774



17.2416, 9.5158, 23.4160



10.6369, 10.4367, 3.8372



3.4966, 3.4463, 4.1418



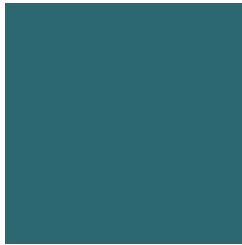
10.2348, 4.9863, 13.5780



50.7586, 24.7488, 66.4521

Previews

White Background



This preview shows how the XYZ color 8.9697, 11.6284, 17.3945 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 8.9697, 11.6284, 17.3945 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 8.9697, 11.6284, 17.3945

Background



This preview shows how black text looks on a background with the XYZ color 8.9697, 11.6284, 17.3945.



This preview shows how white text looks on a background with the XYZ color 8.9697, 11.6284,

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

8.9697, 11.6284, 17.3945

Protanopia

11.3621, 11.6256, 15.5550

Deuteranopia

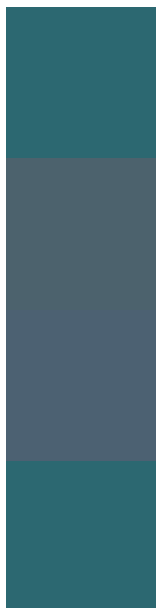
11.7282, 11.4994, 17.8211



Tritanopia

8.9697, 11.6284, 17.3945

Trichromacy



Original Color

8.9697, 11.6284, 17.3945

Protanomaly

10.1085, 11.3760, 16.1310

Deuteranomaly

10.2924, 11.3008, 17.5584

Tritanomaly

8.9697, 11.6284, 17.3945

Monochromacy



Original Color

8.9697, 11.6284, 17.3945

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.6242, 10.0128, 12.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9697, 11.6284, 17.3945 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(44, 104, 113)` looks like.

```
.text, #text, p{  
    color:rgb(44, 104, 113)  
}
```

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(44, 104, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 104, 113) }
```

Border

The CSS property to change the border of an element to XYZ 8.9697, 11.6284, 17.3945 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(44, 104, 113) }
```


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

```
.border{ border-color:rgb(44, 104, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 104, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 104, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 104, 113);  
box-shadow:4px 4px 4px 4px rgb(44, 104,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 8.9697, 11.6284, 17.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 104, 113) }
```

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

```
.background{ background-color: rgb(44, 104,  
113) }
```

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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