

Converting Colors

XYZ(9.5313, 13.5128, 16.1919)

Have a look what the booklet for
XYZ(9.5313, 13.5128, 16.1919)
contains.

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Color

**XYZ(9.5608, 13.5487,
16.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	27726C
RGB	39, 114, 108
RGB Percent	15%, 45%, 42%
CMY	0.8470, 0.5529, 0.5765
CMYK	0.66, 0.00, 0.05, 0.55
HSL	175°, 49%, 30%
HSV	175°, 66%, 45%
XYZ	9.5608, 13.5487, 16.2986
YIQ	90.8910, -42.7740, -17.7660

Conversions

Conversions Part 2

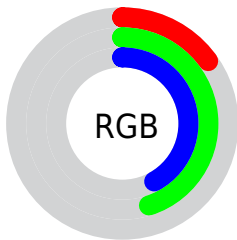
Format	Color
R_{YB}	39, 78, 114
Decimal	2585196
CIE _{Lab}	43.58, -24.27, -3.47
CIE _{LCh}	44, 24.516, 188.138
Yxy	13.5487, 0.2426, 0.3438
Android (android.graphics.Color)	4280775276 (0xFF27726C)
YUV	90.8910, 8.4347, -45.5084
Hunter-Lab	36.8086, -18.0507, -0.4873

Details

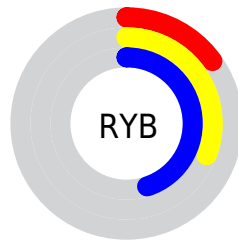
The XYZ color **9.5608, 13.5487, 16.2986** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.1391, 5.2183, 3.0614**, and the grayscale version is **9.9080, 10.4240, 11.3517**.

A 20% lighter version of the original color is **24.5103, 32.1553, 37.7157**, and **2.7326, 4.1175, 5.0656** is the 20% darker color. If you saturate the color by 10%, you get **9.1442, 13.3398, 16.0273**, and if you desaturate by 10%, it is **10.1086, 13.8258, 16.5793**.

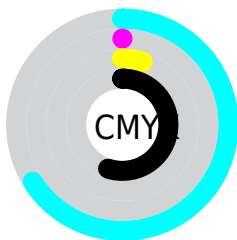
Distribution



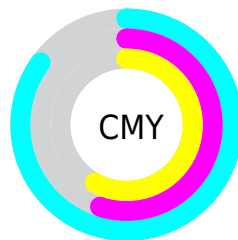
- Red (15%)
- Green (45%)
- Blue (42%)



- Red (15%)
- Yellow (31%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5608, 13.5487, 16.2986 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 9.5608, 13.5487, 16.2986 by changing the saturation by 10% instead.

9.5608, 13.5487,
16.2986

9.5608, 13.5487,
16.2986

181.6280,
214.4049, 243.0029

5.1688, 7.8075,
9.5791

24.6233, 32.2861,
37.8898

2.3824, 3.9720,
5.0188

36.0245, 46.0510,
53.5985

0.8363, 1.6579,
2.1994

50.4928, 63.2593,
73.1407

0.0000, 0.3962,
0.6740

68.3935, 84.2954,
96.9350

0.0000, 0.0000,
0.0000

90.0920, 109.5435,
125.3998

115.9537,

139.3883, 158.9536

146.3439,
174.2139, 198.0152

■ 9.5608, 13.5487,
16.2986

■ 9.5608, 13.5487,
16.2986

■ 9.1442, 13.3398,
16.0273

■ 10.1086, 13.8258,
16.5793

■ 8.8454, 13.1913,
15.7638

■ 10.7968, 14.1749,
16.8690

■ 8.6411, 13.0914,
15.5074

■ 11.6355, 14.6015,
17.1684

■ 8.5612, 13.0525,
15.4004

■ 12.6332, 15.1100,
17.4778

■ 13.7979, 15.7045,
17.7978

■ 15.1371, 16.3890,
18.1287

■ 16.6579, 17.1670,
18.4707

■ 18.3667, 18.0419,
18.8243

■ 20.2700, 19.0169,
19.1896

Harmonies

Analogous

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



9.7490, 13.5487, 11.1583



9.5608, 13.5487, 16.2986



10.1892, 13.5487, 22.2840

Triad

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



9.5608, 13.5487, 16.2986



15.2922, 13.5487, 24.7170



14.3004, 13.5487, 6.9603

Complementary

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



9.5608, 13.5487, 16.2986



8.1391, 5.2183, 3.0614

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.



16.0017, 13.5487, 9.1434



9.5608, 13.5487, 16.2986



16.6128, 13.5487, 19.0453

Square

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



9.5608, 13.5487, 16.2986



13.4068, 13.5487, 27.8734



16.8845, 13.5487, 13.3069



12.3625, 13.5487, 6.5719

Rectangle

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



9.5608, 13.5487, 16.2986



11.0272, 13.5487, 25.6646



16.8845, 13.5487, 13.3069



14.9243, 13.5487, 7.4768

Sweetspot

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



9.5612, 13.5492, 16.2989



23.2410, 27.0833, 31.0067



7.4772, 12.7453, 3.9858



5.2747, 6.2123, 7.1430



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.



9.5612, 13.5492, 16.2989



15.7685, 23.2916, 27.9190



6.9486, 7.7951, 17.0586



3.4640, 3.8108, 4.2498



9.5271, 14.5283, 17.1283



47.3101, 72.3127, 84.5414

Inverse Universe

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



8.1391, 5.2183, 3.0614



13.0762, 7.4256, 2.7882



9.5120, 8.1361, 2.9889



3.3943, 3.4054, 3.6033



7.7775, 4.0034, 0.6382



38.6058, 19.8876, 2.4561

Previews

White Background



This preview shows how the XYZ color 9.5608, 13.5487, 16.2986 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 9.5608, 13.5487, 16.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

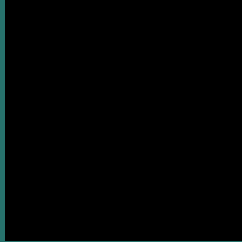
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.5608, 13.5487, 16.2986

Background



This preview shows how black text looks on a background with the XYZ color 9.5608, 13.5487, 16.2986.



This preview shows how white text looks on a background with the XYZ color 9.5608, 13.5487,

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

9.5608, 13.5487, 16.2986

Protanopia

12.9260, 13.4456, 14.2259

Deuteranopia

13.6108, 13.4502, 16.9177



Tritanopia

10.3275, 13.5267, 20.1558

Trichromacy



Original Color

9.5608, 13.5487, 16.2986

Protanomaly

11.0461, 13.0569, 15.0347

Deuteranomaly

11.4333, 13.0679, 16.6716

Tritanomaly

10.0538, 13.5848, 18.6152

Monochromacy



Original Color

9.5608, 13.5487, 16.2986

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.2920, 11.1645, 12.9745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5608, 13.5487, 16.2986 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(39, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(39, 114, 108)  
}
```

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(39, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 9.5608, 13.5487, 16.2986 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(39, 114, 108) }
```


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

```
.border{ border-color:rgb(39, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(39, 114, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(39, 114, 108); box-shadow:4px 4px 4px 4px rgb(39, 114, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5608, 13.5487, 16.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 114, 108) }
```

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

```
.background{ background-color: rgb(39, 114,  
108) }
```

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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