

Converting Colors

XYZ(16.7167, 25.8602, 22.5228)

Have a look what the booklet for
XYZ(16.7167, 25.8602, 22.5228)
contains.

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Color

**XYZ(16.7167, 25.8602,
22.5228)**

Conversions

Conversions Part 1

Format	Color
Hex	329C7A
RGB	50, 156, 122
RGB Percent	20%, 61%, 48%
CMY	0.8039, 0.3882, 0.5216
CMYK	0.68, 0.00, 0.22, 0.39
HSL	161°, 51%, 40%
HSV	161°, 68%, 61%
XYZ	16.7167, 25.8602, 22.5228
YIQ	120.4300, -52.2620, -33.0460

Conversions

Conversions Part 2

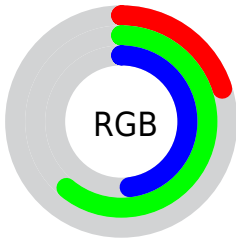
Format	Color
RYB	50, 113, 156
Decimal	3316858
CIELab	57.90, -38.41, 9.14
CIELCh	58, 39.485, 166.617
Yxy	25.8602, 0.2568, 0.3972
Android (android.graphics.Color)	4281506938 (0xFF329C7A)
YUV	120.4300, 0.7740, -61.7671
Hunter-Lab	50.8529, -30.3150, 9.3375

Details

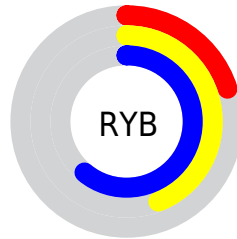
The XYZ color **16.7167, 25.8602, 22.5228** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **16.4520, 9.9898, 9.4495**, and the grayscale version is **18.0006, 18.9381, 20.6236**.

A 20% lighter version of the original color is **37.2409, 52.8957, 48.2915**, and **6.1529, 10.3817, 7.9829** is the 20% darker color. If you saturate the color by 10%, you get **15.7727, 25.4091, 20.9019**, and if you desaturate by 10%, it is **17.9402, 26.4548, 24.2413**.

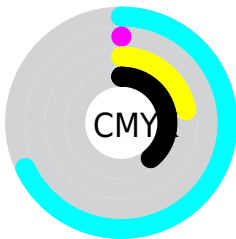
Distribution



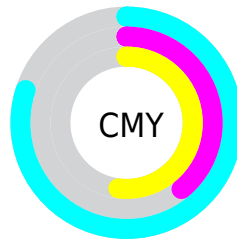
- Red (20%)
- Green (61%)
- Blue (48%)



- Red (20%)
- Yellow (44%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)



- Cyan (80%)
- Magenta (39%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7167, 25.8602, 22.5228 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 16.7167, 25.8602, 22.5228 by changing the saturation by 10% instead.

■ 16.7167, 25.8602,
22.5228

■ 16.7167, 25.8602,
22.5228

226.7227,
282.0951, 278.3065

■ 10.1268, 16.7191,
14.0396

■ 37.3855, 53.0493,
48.5218

■ 5.5460, 10.0344,
8.0091

■ 52.1951, 71.8661,
66.8746

■ 2.6091, 5.4218,
4.0129

■ 70.4753, 94.6770,
89.3544

■ 0.9506, 2.4968,
1.6324

■ 92.5915, 121.8662,
116.3797

■ 0.0000, 0.8750,
0.3138

■ 118.9089,
153.8182, 148.3690

■ 0.0000, 0.0000,
0.0000

149.7930,

190.9175, 185.7409

185.6092,
233.5483, 228.9138

■ 16.7167, 25.8602,
22.5228

■ 16.7167, 25.8602,
22.5228

■ 15.7727, 25.4091,
20.9019

■ 17.9402, 26.4548,
24.2413

■ 15.0779, 25.0840,
19.3742

■ 19.4653, 27.2024,
26.0579

■ 14.5823, 24.8598,
17.9368

■ 21.3142, 28.1150,
27.9754

■ 14.4885, 24.8177,
17.6519

■ 23.5064, 29.2027,
29.9959

■ 26.0599, 30.4747,
32.1214

■ 28.9912, 31.9395,
34.3538

■ 32.3161, 33.6051,
36.6949

■ 36.0491, 35.4791,
39.1465

■ 40.2042, 37.5687,
41.7102

Harmonies

Analogous

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



18.5171, 25.8602, 13.7331



16.7167, 25.8602, 22.5228



16.8202, 25.8602, 36.3260

Triad

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



16.7167, 25.8602, 22.5228



27.2869, 25.8602, 61.4257



31.4070, 25.8602, 13.0960

Complementary

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



16.7167, 25.8602, 22.5228



16.4520, 9.9898, 9.4495

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.



34.4191, 25.8602, 21.3155



16.7167, 25.8602, 22.5228



31.8385, 25.8602, 50.2355

Square

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



16.7167, 25.8602, 22.5228



22.5239, 25.8602, 62.0711



34.5864, 25.8602, 34.6610



26.7562, 25.8602, 9.5975

Rectangle

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



16.7167, 25.8602, 22.5228



17.9489, 25.8602, 46.8341



34.5864, 25.8602, 34.6610



32.6695, 25.8602, 15.2522

Sweetspot

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



16.7174, 25.8612, 22.5234



46.1325, 54.7511, 57.3764



16.2416, 25.9552, 7.1718



9.8811, 11.9130, 12.4031



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.7174, 25.8612, 22.5234



27.8784, 45.7869, 36.3671



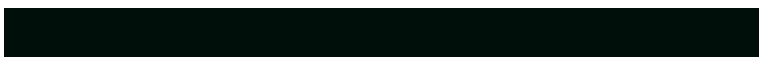
16.4533, 21.3521, 34.7079



6.7312, 7.4732, 8.0193



11.9499, 20.4479, 14.6248



0.2320, 0.3730, 0.3582

Inverse Universe

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



16.4520, 9.9898, 9.4495



27.4163, 14.8878, 11.1861



16.3338, 11.3929, 4.3561



6.7164, 6.6795, 7.3576



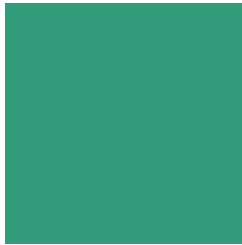
11.7824, 6.0175, 3.1052



0.2288, 0.1149, 0.1510

Previews

White Background



This preview shows how the XYZ color 16.7167, 25.8602, 22.5228 looks on a white 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

Black Background



This preview shows how the XYZ color 16.7167, 25.8602, 22.5228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

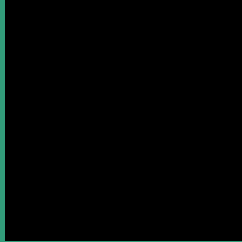
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.7167, 25.8602, 22.5228

Background



This preview shows how black text looks on a background with the XYZ color 16.7167, 25.8602, 22.5228.



This preview shows how white text looks on a background with the XYZ color 16.7167, 25.8602,

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

16.7167, 25.8602, 22.5228

Protanopia

23.9232, 25.4802, 19.2801

Deuteranopia

25.9286, 25.3753, 23.6100



Tritanopia

19.9922, 25.9709, 38.6095

Trichromacy



Original Color

16.7167, 25.8602, 22.5228

Protanomaly

19.8333, 24.8913, 20.2822

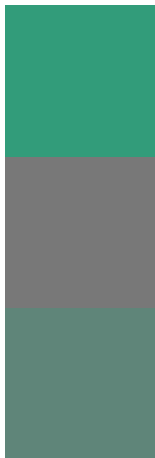
Deuteranomaly

20.5627, 24.3123, 23.0110

Tritanomaly

18.6610, 25.9127, 32.0351

Monochromacy



Original Color

16.7167, 25.8602, 22.5228

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.5580, 20.5884, 21.1904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7167, 25.8602, 22.5228 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(50, 156, 122)` looks like.

```
.text, #text, p{  
    color:rgb(50, 156, 122)  
}
```

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(50, 156, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 156, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.7167, 25.8602, 22.5228 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(50, 156, 122) }
```


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

```
.border{ border-color:rgb(50, 156, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 156, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 156, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 156, 122);  
box-shadow:4px 4px 4px 4px rgb(50, 156,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7167, 25.8602, 22.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 156, 122) }
```

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

```
.background{ background-color: rgb(50, 156,  
122) }
```

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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