

Converting Colors

XYZ(15.0687, 21.4603, 27.3999)

Have a look what the booklet for
XYZ(15.0687, 21.4603, 27.3999)
contains.

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Color

**XYZ(15.0268, 21.3561,
27.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	298D8A
RGB	41, 141, 138
RGB Percent	16%, 55%, 54%
CMY	0.8392, 0.4471, 0.4588
CMYK	0.71, 0.00, 0.02, 0.45
HSL	178°, 55%, 36%
HSV	178°, 71%, 55%
XYZ	15.0268, 21.3561, 27.3749
YIQ	110.7580, -58.6370, -22.1330

Conversions

Conversions Part 2

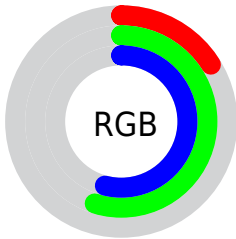
Format	Color
R _Y B	41, 92, 141
Decimal	2723210
CIE Lab	53.34, -28.50, -6.68
CIE LCh	53, 29.277, 193.195
Yxy	21.3561, 0.2357, 0.3350
Android (android.graphics.Color)	4280913290 (0xFF298D8A)
YUV	110.7580, 13.4303, -61.1778
Hunter-Lab	46.2127, -22.8300, -2.7726

Details

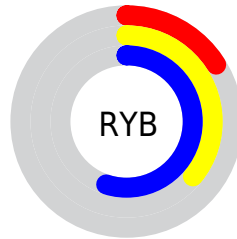
The XYZ color **15.0268, 21.3561, 27.3749** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.2328, 7.4312, 3.1733**, and the grayscale version is **15.0147, 15.7967, 17.2026**.

A 20% lighter version of the original color is **34.3986, 45.6166, 56.2821**, and **5.4176, 8.0169, 10.4944** is the 20% darker color. If you saturate the color by 10%, you get **14.5316, 21.1049, 27.1926**, and if you desaturate by 10%, it is **15.7249, 21.7129, 27.5683**.

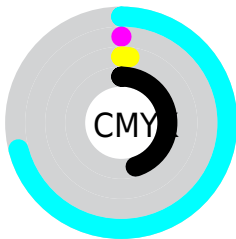
Distribution



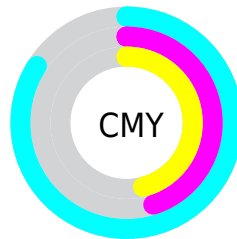
- Red (16%)
- Green (55%)
- Blue (54%)



- Red (16%)
- Yellow (36%)
- Blue (55%)



- Cyan (71%)
- Magenta (0%)
- Yellow (2%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0268, 21.3561, 27.3749 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 15.0268, 21.3561, 27.3749 by changing the saturation by 10% instead.

■ 15.0268, 21.3561,
27.3749

■ 15.0268, 21.3561,
27.3749

■ 216.9135,
259.1650, 303.2852

■ 8.9246, 13.3845,
17.6201

■ 34.4715, 45.6794,
56.4959

■ 4.7488, 7.6939,
10.5109

■ 48.5447, 62.8000,
76.6992

■ 2.1339, 3.8997,
5.6290

■ 66.0056, 83.7390,
101.2223

■ 0.7075, 1.6176,
2.5557

■ 87.2196, 108.8809,
130.4839

■ 0.0000, 0.3694,
0.8695

■ 112.5520,
138.6101, 164.9024

■ 0.0000, 0.0000,
0.0000

■ 142.3683,

173.3109, 204.8964

177.0337,
213.3677, 250.8845

■ 15.0268, 21.3561,
27.3749

■ 15.0268, 21.3561,
27.3749

■ 14.5316, 21.1049,
27.1926

■ 15.7249, 21.7129,
27.5683

■ 14.2148, 20.9450,
27.0187

■ 16.6432, 22.1828,
27.7722

■ 14.0241, 20.8499,
26.8659

■ 17.7997, 22.7754,
27.9878

■ 19.2096, 23.4986,
28.2159

■ 20.8871, 24.3598,
28.4572

■ 22.8453, 25.3657,
28.7122

■ 25.0964, 26.5225,
28.9816

■ 27.6518, 27.8363,
29.2658

■ 30.5225, 29.3125,
29.5654

Harmonies

Analogous

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



15.1065, 21.3561, 18.6553



15.0268, 21.3561, 27.3749



16.2526, 21.3561, 37.0168

Triad

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



15.0268, 21.3561, 27.3749



24.6614, 21.3561, 38.0642



22.0723, 21.3561, 10.4331

Complementary

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



15.0268, 21.3561, 27.3749



12.2328, 7.4312, 3.1733

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.



24.9652, 21.3561, 13.4100



15.0268, 21.3561, 27.3749



26.5612, 21.3561, 28.5506

Square

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



15.0268, 21.3561, 27.3749



21.6907, 21.3561, 44.1676



26.6777, 21.3561, 19.5674



18.9669, 21.3561, 10.2707

Rectangle

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



15.0268, 21.3561, 27.3749



17.7253, 21.3561, 42.0776



26.6777, 21.3561, 19.5674



23.1090, 21.3561, 11.0949

Sweetspot

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



15.0274, 21.3569, 27.3754



37.2317, 43.5345, 50.9370



10.9789, 19.7535, 5.3327



8.1466, 9.6367, 11.3534



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0274, 21.3569, 27.3754



25.6522, 37.6068, 48.5104



9.7554, 10.4604, 26.7049



5.5534, 6.1136, 6.8799



12.7880, 19.0111, 24.5017



0.1237, 0.1823, 0.2418

Inverse Universe

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



12.2328, 7.4312, 3.1733



20.3397, 11.0554, 2.4444



14.8480, 12.7487, 3.7767



5.4150, 5.4265, 5.6836



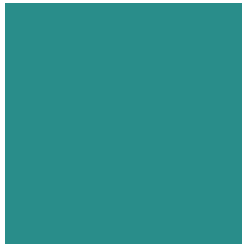
10.0380, 5.1722, 0.5857



0.0970, 0.0499, 0.0111

Previews

White Background



This preview shows how the XYZ color 15.0268, 21.3561, 27.3749 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 15.0268, 21.3561, 27.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

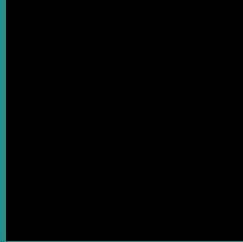
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0268, 21.3561, 27.3749

Background



This preview shows how black text looks on a background with the XYZ color 15.0268, 21.3561, 27.3749.



This preview shows how white text looks on a background with the XYZ color 15.0268, 21.3561,

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

15.0268, 21.3561, 27.3749

Protanopia

20.3254, 21.0959, 23.7695

Deuteranopia

21.4812, 21.0244, 28.5171



Tritanopia

15.9566, 21.2956, 32.1236

Trichromacy



Original Color

15.0268, 21.3561, 27.3749

Protanomaly

17.1050, 20.3853, 24.8630

Deuteranomaly

17.9359, 20.5410, 28.2188

Tritanomaly

15.6486, 21.3894, 30.4979

Monochromacy



Original Color

15.0268, 21.3561, 27.3749

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.2485, 17.2780, 20.6732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0268, 21.3561, 27.3749 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(41, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(41, 141, 138)  
}
```

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(41, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 141, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.0268, 21.3561, 27.3749 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(41, 141, 138) }
```


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

```
.border{ border-color:rgb(41, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 141, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 141, 138);  
box-shadow:4px 4px 4px 4px rgb(41, 141,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0268, 21.3561, 27.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 141, 138) }
```

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

```
.background{ background-color: rgb(41, 141,  
138) }
```

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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