

Converting Colors

XYZ(16.0624, 20.5577, 28.1257)

Have a look what the booklet for
XYZ(16.0624, 20.5577, 28.1257)
contains.

XYZ(16.0701, 20.5991, 27.9400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.0701, 20.5991,
27.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	48878C
RGB	72, 135, 140
RGB Percent	28%, 53%, 55%
CMY	0.7176, 0.4706, 0.4510
CMYK	0.49, 0.04, 0.00, 0.45
HSL	184°, 32%, 42%
HSV	184°, 49%, 55%
XYZ	16.0701, 20.5991, 27.9400
YIQ	116.7330, -39.1530, -11.8010

Conversions

Conversions Part 2

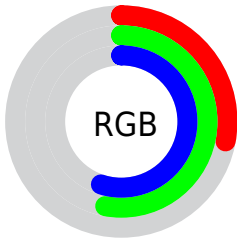
Format	Color
R _Y B	72, 105, 140
Decimal	4753292
CIE Lab	52.51, -18.81, -8.98
CIE LCh	53, 20.844, 205.504
Yxy	20.5991, 0.2487, 0.3188
Android (android.graphics.Color)	4282943372 (0xFF48878C)
YUV	116.7330, 11.4706, -39.2308
Hunter-Lab	45.3862, -16.2236, -4.7289

Details

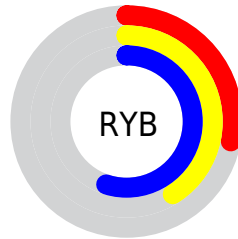
The XYZ color **16.0701, 20.5991, 27.9400** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.6392, 11.3515, 7.5510**, and the grayscale version is **16.8009, 17.6758, 19.2490**.

A 20% lighter version of the original color is **36.1783, 44.2215, 57.6677**, and **5.2320, 7.3063, 10.8074** is the 20% darker color. If you saturate the color by 10%, you get **15.0002, 19.8359, 27.8494**, and if you desaturate by 10%, it is **17.3804, 21.4893, 28.0431**.

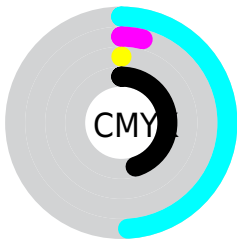
Distribution



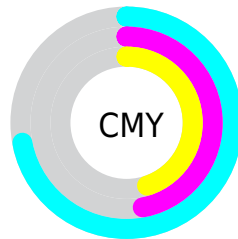
- Red (28%)
- Green (53%)
- Blue (55%)



- Red (28%)
- Yellow (41%)
- Blue (55%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0701, 20.5991, 27.9400 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 16.0701, 20.5991, 27.9400 by changing the saturation by 10% instead.

■ 16.0701, 20.5991,
27.9400

■ 16.0701, 20.5991,
27.9400

223.0173,
255.1402, 306.0830

■ 9.6649, 12.8313,
18.0418

■ 36.2763, 44.4194,
57.4106

■ 5.2379, 7.3125,
10.8102

■ 50.8081, 61.2406,
77.8200

■ 2.4237, 3.6583,
5.8268

■ 68.7794, 81.8484,
102.5703

■ 0.8569, 1.4843,
2.6730

■ 90.5557, 106.6272,
132.0800

■ 0.0000, 0.2776,
0.9298

■ 116.5023,
135.9614, 166.7675

■ 0.0000, 0.0000,
0.0000

146.9845,

170.2354, 207.0515

182.3677,
209.8335, 253.3505

■ 16.0701, 20.5991,
27.9400

■ 16.0701, 20.5991,
27.9400

■ 15.0002, 19.8359,
27.8494

■ 17.3804, 21.4893,
28.0431

■ 14.1524, 19.1887,
27.7692

■ 18.9439, 22.5116,
28.1580

■ 13.5089, 18.6489,
27.6989

■ 20.7750, 23.6739,
28.2859

■ 13.0484, 18.2055,
27.6376

■ 22.8862, 24.9827,
28.4272

■ 12.7223, 17.8334,
27.5830

■ 25.2895, 26.4441,
28.5827

■ 12.6777, 17.7814,
27.5753

■ 27.9958, 28.0639,
28.7527

■ 31.0159, 29.8475,
28.9378

■ 34.3598, 31.8002,
29.1384

■ 38.0370, 33.9267,
29.3551

Harmonies

Analogous

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



15.7295, 20.5991, 21.5110



16.0701, 20.5991, 27.9400



17.3233, 20.5991, 33.7075

Triad

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



16.0701, 20.5991, 27.9400



23.1986, 20.5991, 29.8482



19.9056, 20.5991, 12.5518

Complementary

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



16.0701, 20.5991, 27.9400



14.6392, 11.3515, 7.5510

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.



22.0221, 20.5991, 13.9970



16.0701, 20.5991, 27.9400



24.0099, 20.5991, 23.3726

Square

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



16.0701, 20.5991, 27.9400



21.4189, 20.5991, 34.9435



23.5644, 20.5991, 17.6948



17.8473, 20.5991, 13.3282

Rectangle

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



16.0701, 20.5991, 27.9400



18.5593, 20.5991, 36.0010



23.5644, 20.5991, 17.6948



20.6351, 20.5991, 12.7851

Sweetspot

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



16.0707, 20.5999, 27.9405



37.7824, 42.4594, 49.9471



13.3742, 20.6636, 10.2193



8.5520, 9.6877, 11.4986



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.



16.0707, 20.5999, 27.9405



26.3364, 34.8904, 49.0894



12.1058, 12.6700, 26.6188



5.1419, 5.6268, 6.4209



11.2707, 15.8117, 24.5036



0.0792, 0.1137, 0.1642

Inverse Universe

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



17.5063, 11.9600, 24.3083



29.2299, 18.0343, 41.6434



17.6191, 17.3112, 8.5442



5.2183, 5.1227, 6.2378



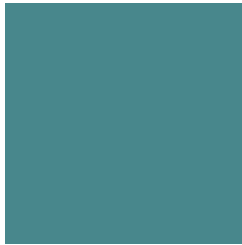
13.1757, 6.3804, 19.2275



0.0897, 0.0433, 0.1393

Previews

White Background



This preview shows how the XYZ color 16.0701, 20.5991, 27.9400 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 16.0701, 20.5991, 27.9400 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

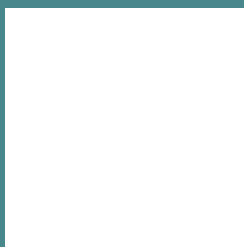
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0701, 20.5991, 27.9400

Background



This preview shows how black text looks on a background with the XYZ color 16.0701, 20.5991, 27.9400.



This preview shows how white text looks on a background with the XYZ color 16.0701, 20.5991,

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

16.0701, 20.5991, 27.9400

Protanopia

19.7535, 20.3938, 25.0856

Deuteranopia

20.8195, 20.4914, 28.8445



Tritanopia

16.4600, 20.5504, 29.8871

Trichromacy



Original Color

16.0701, 20.5991, 27.9400

Protanomaly

17.9888, 20.2192, 26.2471

Deuteranomaly

18.6562, 20.3199, 28.5300

Tritanomaly

16.2307, 20.4498, 29.0784

Monochromacy



Original Color

16.0701, 20.5991, 27.9400

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2762, 18.6627, 22.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0701, 20.5991, 27.9400 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(72, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(72, 135, 140)  
}
```

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(72, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 135, 140) }
```

Border

The CSS property to change the border of an element to XYZ 16.0701, 20.5991, 27.9400 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(72, 135, 140) }
```


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

```
.border{ border-color:rgb(72, 135, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 135, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(72, 135,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0701, 20.5991, 27.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 135, 140) }
```

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

```
.background{ background-color: rgb(72, 135,  
140) }
```

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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