

Converting Colors

XYZ(16.1304, 18.1407, 20.5780)

Have a look what the booklet for
XYZ(16.1304, 18.1407, 20.5780)
contains.

XYZ(16.0532, 18.0341, 20.4041)	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(16.0532, 18.0341,
20.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	697978
RGB	105, 121, 120
RGB Percent	41%, 47%, 47%
CMY	0.5882, 0.5255, 0.5294
CMYK	0.13, 0.00, 0.01, 0.53
HSL	176°, 7%, 44%
HSV	176°, 13%, 47%
XYZ	16.0532, 18.0341, 20.4041
YIQ	116.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

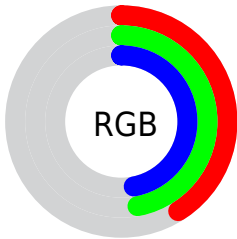
Format	Color
R_{YB}	105, 113, 121
Decimal	6912376
CIE Lab	49.54, -6.11, -1.45
CIE LCh	50, 6.277, 193.398
Yxy	18.0341, 0.2946, 0.3310
Android (android.graphics.Color)	4285102456 (0xFF697978)
YUV	116.1020, 1.9217, -9.7365
Hunter-Lab	42.4666, -6.8400, 1.2393

Details

The XYZ color **16.0532, 18.0341, 20.4041** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5389, 15.2091, 15.7531**, and the grayscale version is **16.6285, 17.4944, 19.0514**.

A 20% lighter version of the original color is **36.1003, 39.9336, 44.8350**, and **5.2320, 6.0021, 7.0137** is the 20% darker color. If you saturate the color by 10%, you get **14.6862, 17.3352, 20.1013**, and if you desaturate by 10%, it is **17.6238, 18.8389, 20.7190**.

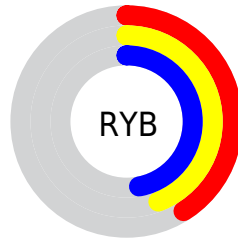
Distribution



Red (41%)

Green (47%)

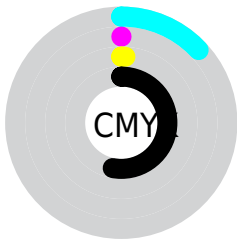
Blue (47%)



Red (41%)

Yellow (44%)

Blue (47%)

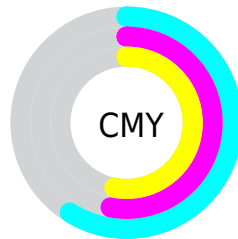


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0532, 18.0341, 20.4041 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 16.0532, 18.0341, 20.4041 by changing the saturation by 10% instead.

■ 16.0532, 18.0341,
20.4041

■ 16.0532, 18.0341,
20.4041

222.9197,
241.0632, 266.7707

■ 9.6529, 10.9745,
12.5021

■ 36.2472, 40.0954,
44.9615

■ 5.2299, 6.0497,
6.9600

■ 50.7717, 55.8659,
62.4540

■ 2.4189, 2.8753,
3.3590

■ 68.7349, 75.3088,
83.9805

■ 0.8546, 1.0670,
1.2807

■ 90.5022, 98.8085,
109.9594

■ 0.0000, 0.0000,
0.0459

116.4390,
126.7494, 140.8093

■ 0.0000, 0.0000,
0.0000

146.9106,

159.5159, 176.9488

182.2823,
197.4923, 218.7964

■ 16.0532, 18.0341,
20.4041

■ 16.0532, 18.0341,
20.4041

■ 14.6862, 17.3352,
20.1013

■ 17.6238, 18.8389,
20.7190

■ 13.5129, 16.7356,
19.8092

■ 19.4045, 19.7516,
21.0454

■ 12.5246, 16.2313,
19.5275

■ 21.4035, 20.7766,
21.3838

■ 11.7114, 15.8172,
19.2560

■ 23.6277, 21.9178,
21.7347

■ 11.0627, 15.4880,
18.9940

■ 26.0843, 23.1787,
22.0984

■ 10.5666, 15.2373,
18.7411

■ 28.7796, 24.5626,
22.4751

■ 10.2094, 15.0582,
18.4965

■ 31.7200, 26.0729,
22.8653

■ 9.9741, 14.9419,
18.2595

■ 34.9116, 27.7126,
23.2692

■ 9.8423, 14.8773,
18.1013

■ 38.3602, 29.4847,
23.6870

Harmonies

Analogous

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



16.0690, 18.0341, 18.7158



16.0532, 18.0341, 20.4041



16.3240, 18.0341, 21.9713

Triad

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



16.0532, 18.0341, 20.4041



17.9380, 18.0341, 22.1111



17.4694, 18.0341, 16.6641

Complementary

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



16.0532, 18.0341, 20.4041



15.5389, 15.2091, 15.7531

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.



17.9846, 18.0341, 17.4725



16.0532, 18.0341, 20.4041



18.2593, 18.0341, 20.5860

Square

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



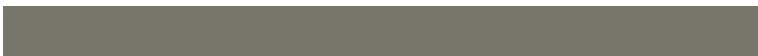
16.0532, 18.0341, 20.4041



17.4070, 18.0341, 22.9945



18.2766, 18.0341, 18.8876



16.8775, 18.0341, 16.6217

Rectangle

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



16.0532, 18.0341, 20.4041



16.6343, 18.0341, 22.7098



18.2766, 18.0341, 18.8876



17.6576, 18.0341, 16.8530

Sweetspot

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



16.0537, 18.0349, 20.4045



31.2970, 33.6001, 37.0502



15.3394, 17.7637, 15.9850



7.1130, 7.6606, 8.4632



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.0537, 18.0349, 20.4045



27.9304, 31.8763, 36.3626



15.3022, 16.4340, 20.4557



4.0967, 4.5083, 5.0433



10.5455, 15.9419, 19.3893



50.1853, 75.9971, 91.8685

Inverse Universe

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



15.5389, 15.2091, 15.7531



26.8112, 25.7328, 26.2503



16.2224, 16.6591, 15.7253



4.0075, 4.0187, 4.2374



8.4930, 4.3734, 0.6212



40.4002, 20.8164, 2.3715

Previews

White Background



This preview shows how the XYZ color 16.0532, 18.0341, 20.4041 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 16.0532, 18.0341, 20.4041 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

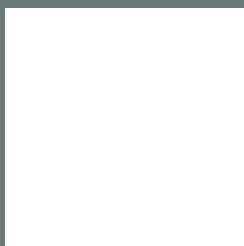
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0532, 18.0341, 20.4041

Background



This preview shows how black text looks on a background with the XYZ color 16.0532, 18.0341, 20.4041.



This preview shows how white text looks on a background with the XYZ color 16.0532, 18.0341,

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

16.0532, 18.0341, 20.4041

Protanopia

17.3770, 18.0237, 19.7026

Deuteranopia

18.2209, 17.9271, 20.5891



Tritanopia

16.7423, 18.1437, 23.3886

Trichromacy



Original Color

16.0532, 18.0341, 20.4041

Protanomaly

16.8784, 17.9336, 20.0247

Deuteranomaly

17.4202, 18.0250, 20.6502

Tritanomaly

16.4262, 18.0035, 22.3479

Monochromacy



Original Color

16.0532, 18.0341, 20.4041

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3714, 17.6860, 19.3805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0532, 18.0341, 20.4041 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(105, 121, 120)` looks like.

```
.text, #text, p{  
    color:rgb(105, 121, 120)  
}
```

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(105, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 121, 120) }
```

Border

The CSS property to change the border of an element to XYZ 16.0532, 18.0341, 20.4041 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(105, 121, 120) }
```


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

```
.border{ border-color:rgb(105, 121, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(105, 121,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0532, 18.0341, 20.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 121, 120) }
```

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

```
.background{ background-color: rgb(105,  
121, 120) }
```

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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