

Converting Colors

XYZ(16.7652, 18.5008, 24.1601)

Have a look what the booklet for
XYZ(16.7652, 18.5008, 24.1601)
contains.

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Color

**XYZ(16.7652, 18.5008,
24.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	687A83
RGB	104, 122, 131
RGB Percent	41%, 48%, 51%
CMY	0.5922, 0.5216, 0.4863
CMYK	0.21, 0.07, 0.00, 0.49
HSL	200°, 11%, 46%
HSV	200°, 21%, 51%
XYZ	16.7652, 18.5008, 24.1601
YIQ	117.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

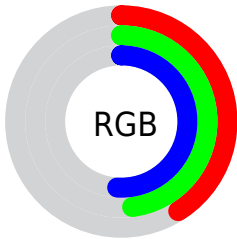
Format	Color
RYB	104, 115, 131
Decimal	6847107
CIELab	50.10, -4.50, -7.12
CIElCh	50, 8.419, 237.731
Yxy	18.5008, 0.2821, 0.3113
Android (android.graphics.Color)	4285037187 (0xFF687A83)
YUV	117.6440, 6.5845, -11.9658
Hunter-Lab	43.0126, -5.6972, -3.1943

Details

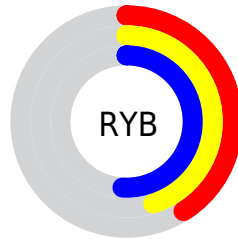
The XYZ color **16.7652, 18.5008, 24.1601** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7641, 17.6351, 15.5648**, and the grayscale version is **17.0922, 17.9824, 19.5828**.

A 20% lighter version of the original color is **37.4981, 40.8007, 51.2464**, and **5.5364, 6.2150, 8.8905** is the 20% darker color. If you saturate the color by 10%, you get **14.8372, 16.7293, 23.9201**, and if you desaturate by 10%, it is **18.9547, 20.4438, 24.4200**.

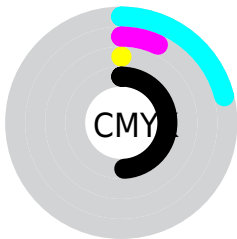
Distribution



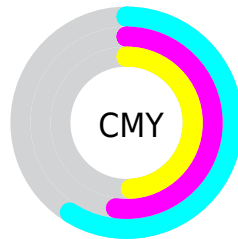
- Red (41%)
- Green (48%)
- Blue (51%)



- Red (41%)
- Yellow (45%)
- Blue (51%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7652, 18.5008, 24.1601 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 16.7652, 18.5008, 24.1601 by changing the saturation by 10% instead.

■ 16.7652, 18.5008,
24.1601

■ 16.7652, 18.5008,
24.1601

226.9984,
243.6789, 286.9415

■ 10.1615, 11.3101,
15.2391

■ 37.4684, 40.8888,
51.2384

■ 5.5692, 6.2758,
8.8389

■ 52.2987, 56.8550,
70.2329

■ 2.6231, 3.0135,
4.5409

■ 70.6018, 76.5151,
93.4222

■ 0.9578, 1.1388,
1.9265

■ 92.7432, 100.2536,
121.2250

■ 0.0000, 0.0108,
0.5095

119.0882,
128.4548, 154.0598

■ 0.0000, 0.0000,
0.0000

150.0022,

161.5032, 192.3451

185.8504,
199.7830, 236.4995

■ 16.7652, 18.5008,
24.1601

■ 16.7652, 18.5008,
24.1601

■ 14.8372, 16.7293,
23.9201

■ 18.9547, 20.4438,
24.4200

■ 13.1578, 15.1207,
23.6981

■ 21.4144, 22.5619,
24.6992

■ 11.7155, 13.6693,
23.4940

■ 24.1548, 24.8614,
24.9986

■ 10.4972, 12.3676,
23.3069

■ 27.1853, 27.3475,
25.3188

■ 9.4885, 11.2078,
23.1362

■ 30.5148, 30.0252,
25.6602

■ 8.6729, 10.1810,
22.9810

■ 34.1518, 32.8995,
26.0232

■ 8.0315, 9.2768,
22.8403

■ 38.1045, 35.9748,
26.4085

■ 7.5326, 8.5104,
22.7187

■ 42.3806, 39.2557,
26.8164

■ 46.9879, 42.7465,
27.2474

Harmonies

Analogous

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



16.2403, 18.5008, 22.2940



16.7652, 18.5008, 24.1601



17.5228, 18.5008, 24.9429

Triad

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



16.7652, 18.5008, 24.1601



19.1886, 18.5008, 20.3215



16.8690, 18.5008, 16.4451

Complementary

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



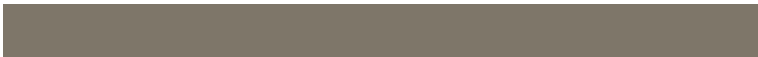
16.7652, 18.5008, 24.1601



17.7641, 17.6351, 15.5648

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.



17.6463, 18.5008, 16.0042



16.7652, 18.5008, 24.1601



19.0008, 18.5008, 18.1373

Square

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



16.7652, 18.5008, 24.1601



18.9358, 18.5008, 22.6232



18.4300, 18.5008, 16.6000



16.2989, 18.5008, 17.8533

Rectangle

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



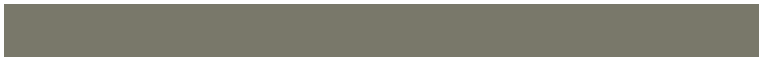
16.7652, 18.5008, 24.1601



18.0635, 18.5008, 24.7031



18.4300, 18.5008, 16.6000



17.1139, 18.5008, 16.1838

Sweetspot

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



16.7658, 18.5016, 24.1605



35.8519, 38.2666, 43.9497



16.7810, 20.3581, 18.5358



8.2930, 8.8626, 10.2263



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.7658, 18.5016, 24.1605



28.2511, 31.5182, 43.0478



15.2694, 15.5088, 23.6617



4.6743, 5.0243, 5.9242



7.4171, 8.3820, 22.3637



0.0324, 0.0425, 0.0797

Inverse Universe

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



17.8237, 16.1315, 20.5875



30.5520, 26.5365, 35.2379



19.3263, 20.7596, 16.0856



4.7936, 4.7371, 5.5257



10.9219, 5.4331, 9.4272



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 16.7652, 18.5008, 24.1601 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 16.7652, 18.5008, 24.1601 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

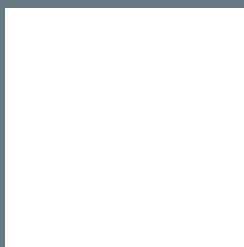
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7652, 18.5008, 24.1601

Background



This preview shows how black text looks on a background with the XYZ color 16.7652, 18.5008, 24.1601.



This preview shows how white text looks on a background with the XYZ color 16.7652, 18.5008,

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

16.7652, 18.5008, 24.1601

Protanopia

17.9121, 18.3934, 23.3751

Deuteranopia

18.7224, 18.4418, 24.4026



Tritanopia

16.8333, 18.5281, 24.5189

Trichromacy



Original Color

16.7652, 18.5008, 24.1601

Protanomaly

17.4361, 18.3161, 23.7355

Deuteranomaly

17.9794, 18.4047, 24.4346

Tritanomaly

16.8333, 18.5281, 24.5189

Monochromacy



Original Color

16.7652, 18.5008, 24.1601

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9820, 18.1344, 21.3441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7652, 18.5008, 24.1601 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(104, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(104, 122, 131)  
}
```

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(104, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 122, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.7652, 18.5008, 24.1601 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(104, 122, 131) }
```


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

```
.border{ border-color:rgb(104, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(104, 122,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7652, 18.5008, 24.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 122, 131) }
```

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

```
.background{ background-color: rgb(104,  
122, 131) }
```

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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