

Converting Colors

XYZ(18.6441, 20.1817, 25.8345)

Have a look what the booklet for
XYZ(18.6441, 20.1817, 25.8345)
contains.

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Color

**XYZ(18.6441, 20.1817,
25.8345)**

Conversions

Conversions Part 1

Format	Color
Hex	717E87
RGB	113, 126, 135
RGB Percent	44%, 49%, 53%
CMY	0.5569, 0.5059, 0.4706
CMYK	0.16, 0.07, 0.00, 0.47
HSL	205°, 9%, 49%
HSV	205°, 16%, 53%
XYZ	18.6441, 20.1817, 25.8345
YIQ	123.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

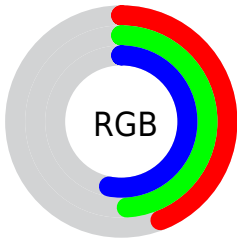
Format	Color
R_{YB}	113, 121, 135
Decimal	7437959
CIE _{Lab}	52.04, -2.77, -6.50
CIE _{LCh}	52, 7.067, 246.941
Yxy	20.1817, 0.2883, 0.3121
Android (android.graphics.Color)	4285628039 (0xFF717E87)
YUV	123.1390, 5.8475, -8.8919
Hunter-Lab	44.9240, -4.5371, -2.6491

Details

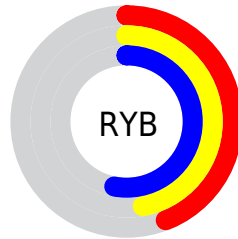
The XYZ color **18.6441, 20.1817, 25.8345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9320, 20.2622, 18.4837**, and the grayscale version is **18.8569, 19.8389, 21.6046**.

A 20% lighter version of the original color is **40.7143, 43.8704, 53.8989**, and **6.4735, 7.0874, 9.6212** is the 20% darker color. If you saturate the color by 10%, you get **16.3483, 17.9792, 25.5307**, and if you desaturate by 10%, it is **21.2385, 22.5970, 26.1643**.

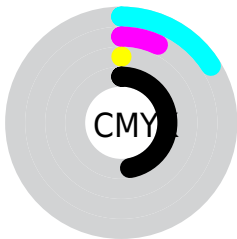
Distribution



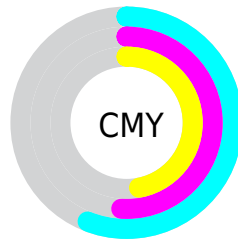
- Red (44%)
- Green (49%)
- Blue (53%)



- Red (44%)
- Yellow (47%)
- Blue (53%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6441, 20.1817, 25.8345 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 18.6441, 20.1817, 25.8345 by changing the saturation by 10% instead.

■ 18.6441, 20.1817,
25.8345

■ 18.6441, 20.1817,
25.8345

237.4529,
252.8971, 295.5483

■ 11.5159, 12.5272,
16.4752

■ 40.6534, 43.7216,
53.9886

■ 6.4848, 7.1038,
9.7031

■ 56.2651, 60.3758,
73.6206

■ 3.1855, 3.5271,
5.0995

■ 75.4355, 80.7987,
97.5138

■ 1.2526, 1.4127,
2.2460

■ 98.5297, 105.3746,
126.0869

■ 0.1473, 0.2261,
0.7007

125.9132,
134.4880, 159.7583

■ 0.0000, 0.0000,
0.0000

157.9513,

168.5233, 198.9467

195.0094,
207.8649, 244.0705

■ 18.6441, 20.1817,
25.8345

■ 18.6441, 20.1817,
25.8345

■ 16.3483, 17.9792,
25.5307

■ 21.2385, 22.5970,
26.1643

■ 14.3372, 15.9800,
25.2508

■ 24.1410, 25.2294,
26.5194

■ 12.5987, 14.1772,
24.9945

■ 27.3628, 28.0860,
26.9010

■ 11.1188, 12.5628,
24.7609

■ 30.9140, 31.1730,
27.3097

■ 9.8823, 11.1279,
24.5491

■ 34.8043, 34.4961,
27.7460

■ 8.8721, 9.8627,
24.3581

■ 39.0430, 38.0610,
28.2107

■ 8.0688, 8.7561,
24.1868

■ 43.6389, 41.8731,
28.7043

■ 7.4402, 7.7904,
24.0336

■ 48.6006, 45.9376,
29.2273

■ 7.2261, 7.4550,
23.9801

■ 53.9364, 50.2594,
29.7803

Harmonies

Analogous

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



18.0951, 20.1817, 24.4485



18.6441, 20.1817, 25.8345



19.3501, 20.1817, 26.1569

Triad

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



18.6441, 20.1817, 25.8345



20.5917, 20.1817, 21.4981



18.3608, 20.1817, 18.9509

Complementary

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



18.6441, 20.1817, 25.8345



19.9320, 20.2622, 18.4837

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.



19.0150, 20.1817, 18.2635



18.6441, 20.1817, 25.8345



20.3118, 20.1817, 19.6732

Square

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



18.6441, 20.1817, 25.8345



20.4864, 20.1817, 23.5669



19.7304, 20.1817, 18.5194



17.9344, 20.1817, 20.4554

Rectangle

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



18.6441, 20.1817, 25.8345



19.8172, 20.1817, 25.7081



19.7304, 20.1817, 18.5194



18.5607, 20.1817, 18.6210

Sweetspot

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



18.6447, 20.1825, 25.8350



38.6197, 41.0038, 46.9274



18.9749, 22.2392, 21.6404



8.8735, 9.4315, 10.8591



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.6447, 20.1825, 25.8350



31.6176, 34.4591, 46.0332



17.3372, 17.5676, 25.3991



4.6461, 4.9678, 5.9148



6.6765, 6.9009, 22.1168



0.0303, 0.0383, 0.0790

Inverse Universe

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



19.6632, 18.4680, 22.2679



33.8650, 30.7962, 38.1356



21.3328, 23.0639, 18.9506



4.7794, 4.7314, 5.4506



10.5481, 5.2836, 7.4587



0.0402, 0.0198, 0.0450

Previews

White Background



This preview shows how the XYZ color 18.6441, 20.1817, 25.8345 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 18.6441, 20.1817, 25.8345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

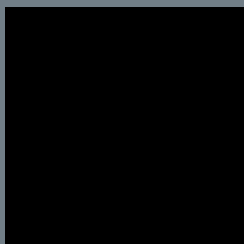
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

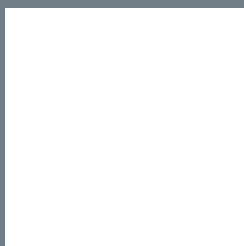
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6441, 20.1817, 25.8345

Background



This preview shows how black text looks on a background with the XYZ color 18.6441, 20.1817, 25.8345.



This preview shows how white text looks on a background with the XYZ color 18.6441, 20.1817,

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

18.6441, 20.1817, 25.8345

Protanopia

19.4850, 20.0703, 25.0373

Deuteranopia

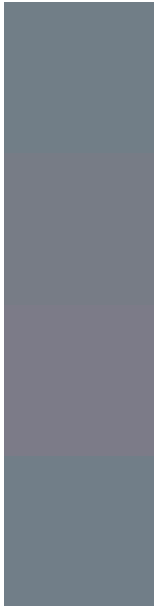
20.4872, 20.1981, 26.1114



Tritanopia

18.7148, 20.2100, 26.2071

Trichromacy



Original Color

18.6441, 20.1817, 25.8345

Protanomaly

19.1185, 20.0585, 25.4183

Deuteranomaly

19.8391, 20.2286, 26.1514

Tritanomaly

18.7148, 20.2100, 26.2071

Monochromacy



Original Color

18.6441, 20.1817, 25.8345

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6462, 19.8695, 22.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6441, 20.1817, 25.8345 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(113, 126, 135)` looks like.

```
.text, #text, p{  
    color:rgb(113, 126, 135)  
}
```

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(113, 126, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 126, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.6441, 20.1817, 25.8345 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(113, 126, 135) }
```


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

```
.border{ border-color:rgb(113, 126, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 126, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 126, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 126, 135);  
box-shadow:4px 4px 4px 4px rgb(113, 126,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6441, 20.1817, 25.8345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 126, 135) }
```

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

```
.background{ background-color: rgb(113,  
126, 135) }
```

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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