

Converting Colors

XYZ(18.5087, 21.8477, 28.4408)

Have a look what the booklet for
XYZ(18.5087, 21.8477, 28.4408)
contains.

XYZ(18.5087, 21.8477, 28.4408)	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(18.5087, 21.8477,
28.4408)**

Conversions

Conversions Part 1

Format	Color
Hex	62878D
RGB	98, 135, 141
RGB Percent	38%, 53%, 55%
CMY	0.6157, 0.4706, 0.4471
CMYK	0.30, 0.04, 0.00, 0.45
HSL	188°, 18%, 47%
HSV	188°, 30%, 55%
XYZ	18.5087, 21.8477, 28.4408
YIQ	124.6210, -23.9780, -5.9780

Conversions

Conversions Part 2

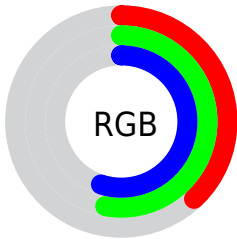
Format	Color
R_{YB}	98, 118, 141
Decimal	6457229
CIE _{Lab}	53.87, -11.33, -7.39
CIE _{LCh}	54, 13.528, 213.113
Yxy	21.8477, 0.2690, 0.3176
Android (android.graphics.Color)	4284647309 (0xFF62878D)
YUV	124.6210, 8.0748, -23.3466
Hunter-Lab	46.7415, -11.1153, -3.3571

Details

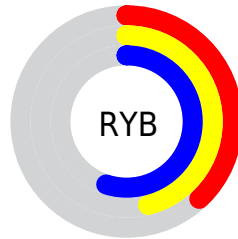
The XYZ color **18.5087, 21.8477, 28.4408** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1397, 16.4454, 13.7740**, and the grayscale version is **19.3458, 20.3532, 22.1647**.

A 20% lighter version of the original color is **40.4112, 46.3906, 58.4541**, and **6.4034, 7.9053, 11.0859** is the 20% darker color. If you saturate the color by 10%, you get **16.8476, 20.5882, 28.2856**, and if you desaturate by 10%, it is **20.4442, 23.2572, 28.6112**.

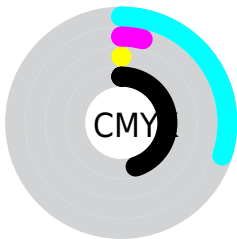
Distribution



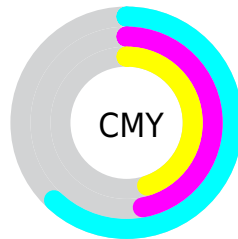
- Red (38%)
- Green (53%)
- Blue (55%)



- Red (38%)
- Yellow (46%)
- Blue (55%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5087, 21.8477, 28.4408 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 18.5087, 21.8477, 28.4408 by changing the saturation by 10% instead.

■ 18.5087, 21.8477,
28.4408

■ 18.5087, 21.8477,
28.4408

236.7134,
261.7499, 308.5452

■ 11.4177, 13.7450,
18.4163

■ 40.4256, 46.4942,
58.2190

■ 6.4179, 7.9435,
11.0767

■ 55.9822, 63.8067,
78.8097

■ 3.1439, 4.0588,
6.0037

■ 75.0914, 84.9581,
103.7596

■ 1.2303, 1.7065,
2.7785

■ 98.1185, 110.3325,
133.4872

■ 0.1301, 0.4279,
0.9827

125.4289,
140.3146, 168.4110

■ 0.0000, 0.0000,
0.0000

157.3879,

175.2885, 208.9496

194.3610,
215.6389, 255.5215

■ 18.5087, 21.8477,
28.4408

■ 18.5087, 21.8477,
28.4408

■ 16.8476, 20.5882,
28.2856

■ 20.4442, 23.2572,
28.6112

■ 15.4448, 19.4689,
28.1435

■ 22.6653, 24.8210,
28.7960

■ 14.2857, 18.4826,
28.0142

■ 25.1847, 26.5462,
28.9962

■ 13.3532, 17.6206,
27.8970

■ 28.0140, 28.4387,
29.2124

■ 12.6280, 16.8728,
27.7909

■ 31.1640, 30.5043,
29.4451

■ 12.0877, 16.2276,
27.6948

■ 34.6451, 32.7484,
29.6947

■ 11.6855, 15.6786,
27.6100

■ 38.4673, 35.1759,
29.9618

■ 42.6398, 37.7919,
30.2469

■ 47.1719, 40.6011,
30.5502

Harmonies

Analogous

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



18.0947, 21.8477, 24.2263



18.5087, 21.8477, 28.4408



19.5256, 21.8477, 31.6765

Triad

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



18.5087, 21.8477, 28.4408



23.3629, 21.8477, 27.6001



20.6140, 21.8477, 16.6496

Complementary

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



18.5087, 21.8477, 28.4408



18.1397, 16.4454, 13.7740

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.



22.0570, 21.8477, 17.3323



18.5087, 21.8477, 28.4408



23.6871, 21.8477, 23.3559

Square

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



18.5087, 21.8477, 28.4408



22.3322, 21.8477, 31.1526



23.1989, 21.8477, 19.6733



19.2740, 21.8477, 17.6871

Rectangle

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



18.5087, 21.8477, 28.4408



20.4318, 21.8477, 32.6652



23.1989, 21.8477, 19.6733



21.1030, 21.8477, 16.6859

Sweetspot

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



18.5094, 21.8486, 28.4413



41.1462, 44.8355, 51.6134



17.0475, 22.6409, 16.4979



9.0661, 9.9282, 11.5179



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.



18.5094, 21.8486, 28.4413



30.9282, 37.4541, 50.7271



15.8362, 16.5023, 27.5503



5.4970, 5.9898, 6.8952



10.6634, 14.3128, 25.1777



0.1134, 0.1597, 0.2445

Inverse Universe

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



19.7259, 16.1479, 24.9998



33.5307, 25.6162, 43.2847



20.5527, 21.2714, 14.5783



5.5944, 5.4983, 6.6279



13.1855, 6.4312, 17.1600



0.1318, 0.0638, 0.1944

Previews

White Background



This preview shows how the XYZ color 18.5087, 21.8477, 28.4408 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 18.5087, 21.8477, 28.4408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

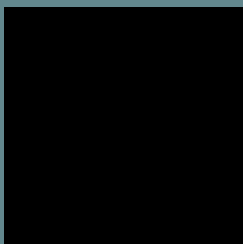
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

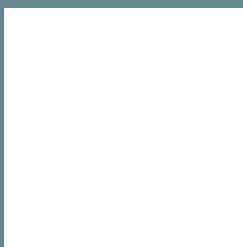
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5087, 21.8477, 28.4408

Background



This preview shows how black text looks on a background with the XYZ color 18.5087, 21.8477, 28.4408.



This preview shows how white text looks on a background with the XYZ color 18.5087, 21.8477,

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

18.5087, 21.8477, 28.4408

Protanopia

21.0652, 21.8051, 26.3911

Deuteranopia

22.1231, 21.7187, 29.0127



Tritanopia

18.7815, 21.7472, 29.9958

Trichromacy



Original Color

18.5087, 21.8477, 28.4408

Protanomaly

20.0399, 21.8495, 27.2059

Deuteranomaly

20.6179, 21.7185, 28.6966

Tritanomaly

18.7047, 21.7165, 29.5914

Monochromacy



Original Color

18.5087, 21.8477, 28.4408

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0172, 20.9840, 24.5207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5087, 21.8477, 28.4408 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(98, 135, 141) looks like.

```
.text, #text, p{  
  color:rgb(98, 135, 141)  
}
```

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(98, 135, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 135, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.5087, 21.8477, 28.4408 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(98, 135, 141) }
```


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

```
.border{ border-color:rgb(98, 135, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 135, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 135, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 135, 141);  
box-shadow:4px 4px 4px 4px rgb(98, 135,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5087, 21.8477, 28.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 135, 141) }
```

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

```
.background{ background-color: rgb(98, 135,  
141) }
```

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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