

Converting Colors

XYZ(18.4822, 25.8846, 23.0587)

Have a look what the booklet for
XYZ(18.4822, 25.8846, 23.0587)
contains.

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Color

**XYZ(18.4336, 25.7507,
23.0676)**

Conversions

Conversions Part 1

Format	Color
Hex	53987C
RGB	83, 152, 124
RGB Percent	33%, 60%, 49%
CMY	0.6745, 0.4039, 0.5137
CMYK	0.45, 0.00, 0.18, 0.40
HSL	156°, 29%, 46%
HSV	156°, 45%, 60%
XYZ	18.4336, 25.7507, 23.0676
YIQ	128.1770, -32.1360, -23.3360

Conversions

Conversions Part 2

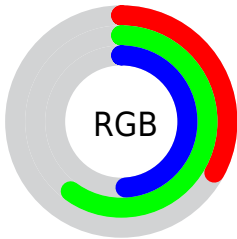
Format	Color
R_{YB}	83, 126, 152
Decimal	5478524
CIE _{Lab}	57.80, -28.68, 8.01
CIE _{LCh}	58, 29.781, 164.391
Yxy	25.7507, 0.2741, 0.3829
Android (android.graphics.Color)	4283668604 (0xFF53987C)
YUV	128.1770, -2.0593, -39.6202
Hunter-Lab	50.7451, -23.9624, 8.5697

Details

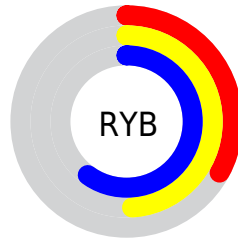
The XYZ color **18.4336, 25.7507, 23.0676** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.9123, 14.0102, 16.7474**, and the grayscale version is **20.5947, 21.6672, 23.5956**.

A 20% lighter version of the original color is **40.4020, 53.0342, 49.7022**, and **6.3339, 9.8836, 8.2305** is the 20% darker color. If you saturate the color by 10%, you get **16.8589, 24.9832, 21.0212**, and if you desaturate by 10%, it is **20.3282, 26.6816, 25.2575**.

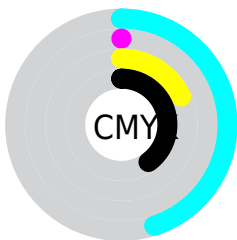
Distribution



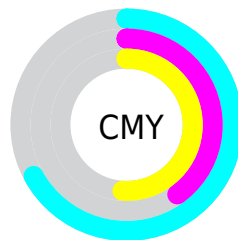
- Red (33%)
- Green (60%)
- Blue (49%)



- Red (33%)
- Yellow (49%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4336, 25.7507, 23.0676 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 18.4336, 25.7507, 23.0676 by changing the saturation by 10% instead.

■ 18.4336, 25.7507,
23.0676

■ 18.4336, 25.7507,
23.0676

236.3024,
281.5561, 281.2052

■ 11.3633, 16.6372,
14.4377

■ 40.2991, 52.8725,
49.4289

■ 6.3808, 9.9762,
8.2835

■ 55.8250, 71.6496,
67.9974

■ 3.1209, 5.3832,
4.1865

■ 74.9002, 94.4167,
90.7157

■ 1.2180, 2.4738,
1.7282

■ 97.8900, 121.5582,
118.0025

■ 0.1205, 0.8635,
0.3800

■ 125.1598,
153.4585, 150.2763

■ 0.0000, 0.0000,
0.0000

157.0749,

190.5020, 187.9557

194.0006,
233.0731, 231.4591

■ 18.4336, 25.7507,
23.0676

■ 18.4336, 25.7507,
23.0676

■ 16.8589, 24.9832,
21.0212

■ 20.3282, 26.6816,
25.2575

■ 15.5820, 24.3659,
19.1132

■ 22.5587, 27.7821,
27.5923

■ 14.5815, 23.8883,
17.3410


■ 25.1423, 29.0617,
30.0754


■ 13.8318, 23.5374,
15.7007


■ 28.0948, 30.5285,
32.7098


■ 13.2991, 23.2957,
14.1884


■ 31.4307, 32.1900,
35.4983

 13.0877, 23.2010,
13.5324

 35.1637, 34.0531,
38.4434

 39.3071, 36.1246,
41.5479

 43.8731, 38.4110,
44.8142

 48.8739, 40.9182,
48.2449

Harmonies

Analogous

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



19.9744, 25.7507, 16.1918



18.4336, 25.7507, 23.0676



18.4023, 25.7507, 33.2215

Triad

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



18.4336, 25.7507, 23.0676



26.2239, 25.7507, 51.7575



29.7234, 25.7507, 16.3977

Complementary

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



18.4336, 25.7507, 23.0676



18.9123, 14.0102, 16.7474

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.



31.7558, 25.7507, 23.4241



18.4336, 25.7507, 23.0676



29.6060, 25.7507, 44.5902

Square

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



18.4336, 25.7507, 23.0676



22.6719, 25.7507, 51.5948



31.7109, 25.7507, 33.6758



26.3719, 25.7507, 13.0300

Rectangle

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



18.4336, 25.7507, 23.0676



19.2296, 25.7507, 40.6932



31.7109, 25.7507, 33.6758



30.5974, 25.7507, 18.3233

Sweetspot

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



18.4343, 25.7517, 23.0682



44.9289, 51.5686, 53.5924



19.4407, 26.5105, 12.2764



9.9894, 11.6105, 11.9753



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.4343, 25.7517, 23.0682



29.8431, 44.1383, 37.2232



19.5531, 24.7420, 33.4521



6.2784, 6.9841, 7.3895



10.9889, 19.4590, 11.4283



0.1823, 0.2981, 0.2655

Inverse Universe

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



18.9123, 14.0102, 16.7474



30.7972, 20.8525, 24.7187



18.0626, 14.4038, 10.0122



6.3075, 6.2622, 6.9994



11.5938, 5.8918, 4.3860



0.1907, 0.0950, 0.1569

Previews

White Background



This preview shows how the XYZ color 18.4336, 25.7507, 23.0676 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 18.4336, 25.7507, 23.0676 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 18.4336, 25.7507, 23.0676

Background



This preview shows how black text looks on a background with the XYZ color 18.4336, 25.7507, 23.0676.



This preview shows how white text looks on a background with the XYZ color 18.4336, 25.7507,

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

18.4336, 25.7507, 23.0676

Protanopia

23.9764, 25.4811, 20.4843

Deuteranopia

25.8014, 25.3021, 23.9460



Tritanopia

21.1054, 25.6460, 36.6387

Trichromacy



Original Color

18.4336, 25.7507, 23.0676

Protanomaly

21.2387, 25.1386, 21.5021

Deuteranomaly

22.2621, 24.9556, 23.7222

Tritanomaly

20.0556, 25.6941, 31.0965

Monochromacy



Original Color

18.4336, 25.7507, 23.0676

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.4585, 22.8684, 23.4671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4336, 25.7507, 23.0676 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(83, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(83, 152, 124)  
}
```

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(83, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 152, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.4336, 25.7507, 23.0676 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(83, 152, 124) }
```


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

```
.border{ border-color:rgb(83, 152, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(83, 152,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4336, 25.7507, 23.0676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 152, 124) }
```

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

```
.background{ background-color: rgb(83, 152,  
124) }
```

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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