

Converting Colors

XYZ(15.2345, 18.0646, 25.4737)

Have a look what the booklet for
XYZ(15.2345, 18.0646, 25.4737)
contains.

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Color

**XYZ(15.2370, 18.0494,
25.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	547C87
RGB	84, 124, 135
RGB Percent	33%, 49%, 53%
CMY	0.6706, 0.5137, 0.4706
CMYK	0.38, 0.08, 0.00, 0.47
HSL	193°, 23%, 43%
HSV	193°, 38%, 53%
XYZ	15.2370, 18.0494, 25.6025
YIQ	113.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

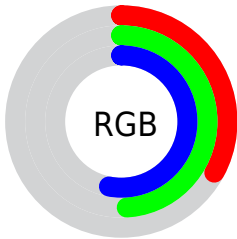
Format	Color
R_{YB}	84, 106, 135
Decimal	5536903
CIE _{Lab}	49.56, -10.95, -10.42
CIE _{LCh}	50, 15.115, 223.566
Yxy	18.0494, 0.2587, 0.3065
Android (android.graphics.Color)	4283726983 (0xFF547C87)
YUV	113.2940, 10.7011, -25.6908
Hunter-Lab	42.4846, -10.3294, -5.9907

Details

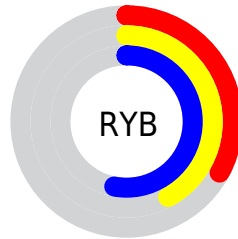
The XYZ color **15.2370, 18.0494, 25.6025** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.6844, 13.9757, 10.2589**, and the grayscale version is **15.7588, 16.5795, 18.0551**.

A 20% lighter version of the original color is **34.9526, 40.3094, 53.5152**, and **4.8155, 6.0281, 9.5041** is the 20% darker color. If you saturate the color by 10%, you get **13.7838, 16.7670, 25.4319**, and if you desaturate by 10%, it is **16.9350, 19.4749, 25.7885**.

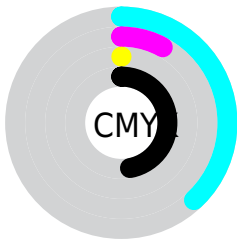
Distribution



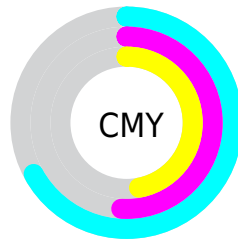
- Red (33%)
- Green (49%)
- Blue (53%)



- Red (33%)
- Yellow (42%)
- Blue (53%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2370, 18.0494, 25.6025 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 15.2370, 18.0494, 25.6025 by changing the saturation by 10% instead.

■ 15.2370, 18.0494,
25.6025

■ 15.2370, 18.0494,
25.6025

218.1563,
241.1493, 294.3684

■ 9.0733, 10.9855,
16.3034

■ 34.8367, 40.1215,
53.6092

■ 4.8465, 6.0571,
9.5824

■ 49.0033, 55.8984,
73.1538

■ 2.1913, 2.8798,
5.0210

■ 66.5684, 75.3485,
96.9508

■ 0.7382, 1.0693,
2.2006

■ 87.8971, 98.8560,
125.4185

■ 0.0000, 0.0000,
0.6747

■ 113.3549,
126.8055, 158.9756

■ 0.0000, 0.0000,
0.0000

143.3071,

159.5813, 198.0406

178.1192,
197.5678, 243.0320

■ 15.2370, 18.0494,
25.6025

■ 15.2370, 18.0494,
25.6025

■ 13.7838, 16.7670,
25.4319

■ 16.9350, 19.4749,
25.7885

■ 12.5603, 15.6184,
25.2747

■ 18.8885, 21.0478,
25.9891

■ 11.5520, 14.5965,
25.1305

■ 21.1098, 22.7750,
26.2054

■ 10.7423, 13.6925,
24.9987

■ 23.6096, 24.6622,
26.4379

■ 10.1118, 12.8964,
24.8783

■ 26.3983, 26.7148,
26.6871

■ 9.6200, 12.1870,
24.7673

■ 29.4854, 28.9380,
26.9535

■ 9.5155, 12.0339,
24.7433

■ 32.8803, 31.3366,
27.2376

■ 36.5918, 33.9152,
27.5397

■ 40.6283, 36.6785,
27.8603

Harmonies

Analogous

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



14.6160, 18.0494, 21.5606



15.2370, 18.0494, 25.6025



16.3883, 18.0494, 28.2261

Triad

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



15.2370, 18.0494, 25.6025



19.9336, 18.0494, 21.9688



16.5178, 18.0494, 12.9417

Complementary

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



15.2370, 18.0494, 25.6025



15.6844, 13.9757, 10.2589

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.



17.9461, 18.0494, 13.0191



15.2370, 18.0494, 25.6025



19.9731, 18.0494, 17.8608

Square

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



15.2370, 18.0494, 25.6025



19.1235, 18.0494, 25.9369



19.2284, 18.0494, 14.7045



15.3272, 18.0494, 14.4756

Rectangle

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



15.2370, 18.0494, 25.6025



17.3272, 18.0494, 28.6186



19.2284, 18.0494, 14.7045



16.9848, 18.0494, 12.7873

Sweetspot

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



15.2376, 18.0501, 25.6029



36.3673, 39.6799, 46.7906



14.3499, 20.0249, 13.7462



8.3146, 9.1059, 10.8257



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.



15.2376, 18.0501, 25.6029



25.1136, 30.4145, 45.5953



12.5201, 12.6152, 24.6971



4.7187, 5.1130, 5.9390



8.7843, 11.1163, 22.8194



0.0357, 0.0490, 0.0808

Inverse Universe

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



16.8006, 12.9473, 20.6831



28.3940, 20.2305, 35.1520



18.2728, 19.1523, 11.1217



4.8160, 4.7461, 5.6436



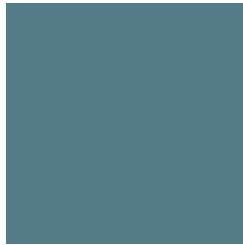
11.6120, 5.7091, 13.0611



0.0429, 0.0208, 0.0592

Previews

White Background



This preview shows how the XYZ color 15.2370, 18.0494, 25.6025 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 15.2370, 18.0494, 25.6025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

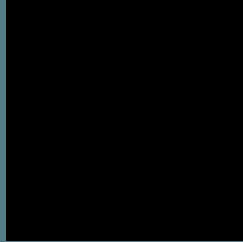
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2370, 18.0494, 25.6025

Background



This preview shows how black text looks on a background with the XYZ color 15.2370, 18.0494, 25.6025.



This preview shows how white text looks on a background with the XYZ color 15.2370, 18.0494,

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

15.2370, 18.0494, 25.6025

Protanopia

17.5930, 18.0473, 23.6753

Deuteranopia

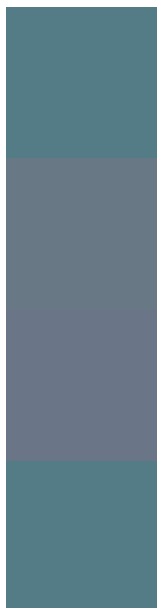
18.2538, 17.9895, 26.1772



Tritanopia

15.1669, 18.0214, 25.2333

Trichromacy



Original Color

15.2370, 18.0494, 25.6025

Protanomaly

16.5902, 18.0419, 24.4378

Deuteranomaly

16.8662, 17.7986, 25.8391

Tritanomaly

15.1669, 18.0214, 25.2333

Monochromacy



Original Color

15.2370, 18.0494, 25.6025

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2920, 16.9278, 20.5506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2370, 18.0494, 25.6025 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(84, 124, 135)` looks like.

```
.text, #text, p{  
  color:rgb(84, 124, 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(84, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 124, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.2370, 18.0494, 25.6025 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(84, 124, 135) }
```


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

```
.border{ border-color:rgb(84, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(84, 124,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2370, 18.0494, 25.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 124, 135) }
```

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

```
.background{ background-color: rgb(84, 124,  
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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