

Converting Colors

XYZ(15.6944, 21.5599, 25.1089)

Have a look what the booklet for
XYZ(15.6944, 21.5599, 25.1089)
contains.

XYZ(15.6573, 21.5121, 25.1568)	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(15.6573, 21.5121,
25.1568)**

Conversions

Conversions Part 1

Format	Color
Hex	408C84
RGB	64, 140, 132
RGB Percent	25%, 55%, 52%
CMY	0.7490, 0.4510, 0.4823
CMYK	0.54, 0.00, 0.06, 0.45
HSL	174°, 37%, 40%
HSV	174°, 54%, 55%
XYZ	15.6573, 21.5121, 25.1568
YIQ	116.3640, -42.7280, -18.6000

Conversions

Conversions Part 2

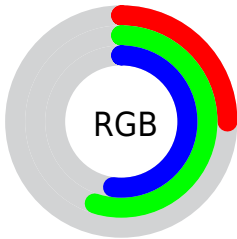
Format	Color
RYB	64, 104, 140
Decimal	4230276
CIELab	53.51, -25.50, -2.89
CIELCh	54, 25.663, 186.458
Yxy	21.5121, 0.2512, 0.3452
Android (android.graphics.Color)	4282420356 (0xFF408C84)
YUV	116.3640, 7.7085, -45.9232
Hunter-Lab	46.3811, -20.9091, 0.3083

Details

The XYZ color **15.6573, 21.5121, 25.1568** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.8191, 9.7108, 7.2777**, and the grayscale version is **16.6992, 17.5689, 19.1325**.

A 20% lighter version of the original color is **35.5200, 45.9379, 52.8937**, and **5.1337, 7.7693, 9.4127** is the 20% darker color. If you saturate the color by 10%, you get **14.7587, 21.0610, 24.5923**, and if you desaturate by 10%, it is **16.7871, 22.0833, 25.7405**.

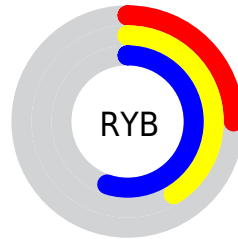
Distribution



Red (25%)

Green (55%)

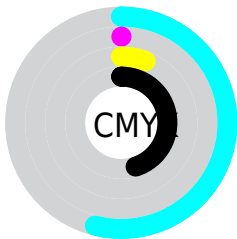
Blue (52%)



Red (25%)

Yellow (41%)

Blue (55%)

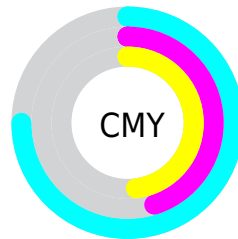


Cyan (54%)

Magenta (0%)

Yellow (6%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6573, 21.5121, 25.1568 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 15.6573, 21.5121, 25.1568 by changing the saturation by 10% instead.

■ 15.6573, 21.5121,
25.1568

■ 15.6573, 21.5121,
25.1568

220.6213,
259.9876, 292.0905

■ 9.3713, 13.4988,
15.9738

■ 35.5645, 45.9383,
52.8788

■ 5.0432, 7.7729,
9.3515

■ 49.9164, 63.1200,
72.2548

■ 2.3076, 3.9500,
4.8712

■ 67.6876, 84.1266,
95.8657

■ 0.7986, 1.6456,
2.1145

■ 89.2436, 109.3426,
124.1298

■ 0.0000, 0.3881,
0.6244

■ 114.9495,
139.1523, 157.4659

■ 0.0000, 0.0000,
0.0000

145.1709,

173.9401, 196.2923

180.2731,
214.0904, 241.0277

■ 15.6573, 21.5121,
25.1568

■ 15.6573, 21.5121,
25.1568

■ 14.7587, 21.0610,
24.5923

■ 16.7871, 22.0833,
25.7405

■ 14.0721, 20.7184,
24.0447

■ 18.1620, 22.7802,
26.3426

■ 13.5780, 20.4749,
23.5135

■ 19.7968, 23.6109,
26.9644

■ 13.2513, 20.3176,
22.9975

■ 21.7047, 24.5822,
27.6065

■ 13.0969, 20.2443,
22.7073

■ 23.8980, 25.7005,
28.2696

■ 26.3882, 26.9717,
28.9541

■ 29.1862, 28.4014,
29.6606

■ 32.3023, 29.9949,
30.3897

■ 35.7464, 31.7573,
31.1418

Harmonies

Analogous

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



15.9979, 21.5121, 17.9120



15.6573, 21.5121, 25.1568



16.5050, 21.5121, 33.5516

Triad

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



15.6573, 21.5121, 25.1568



23.7306, 21.5121, 37.7306



22.6179, 21.5121, 12.1584

Complementary

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



15.6573, 21.5121, 25.1568



13.8191, 9.7108, 7.2777

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.



24.9705, 21.5121, 15.5704



15.6573, 21.5121, 25.1568



25.6519, 21.5121, 29.9623

Square

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



15.6573, 21.5121, 25.1568



21.0434, 21.5121, 41.7835



26.1247, 21.5121, 21.7708



19.8612, 21.5121, 11.4264

Rectangle

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



15.6573, 21.5121, 25.1568



17.6786, 21.5121, 38.3376



26.1247, 21.5121, 21.7708



23.4895, 21.5121, 12.9860

Sweetspot

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



15.6579, 21.5129, 25.1573



37.5342, 42.9658, 48.4345



13.0417, 20.5385, 8.1279



8.5054, 9.8273, 11.1133



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.



15.6579, 21.5129, 25.1573



25.7370, 36.9888, 43.1521



12.5186, 14.3240, 26.9169



5.1505, 5.6797, 6.3137



11.6410, 17.9890, 20.1981



0.0804, 0.1207, 0.1501

Inverse Universe

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



13.8191, 9.7108, 7.2777



22.1618, 13.9441, 8.3168



15.6675, 13.7985, 6.6886



5.0529, 5.0566, 5.3670



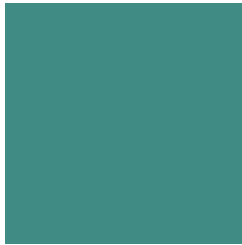
9.6888, 4.9856, 0.8657



0.0668, 0.0341, 0.0185

Previews

White Background



This preview shows how the XYZ color 15.6573, 21.5121, 25.1568 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 15.6573, 21.5121, 25.1568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

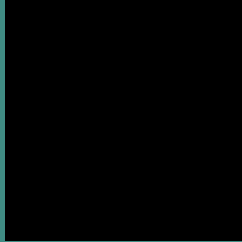
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.6573, 21.5121, 25.1568

Background



This preview shows how black text looks on a background with the XYZ color 15.6573, 21.5121, 25.1568.



This preview shows how white text looks on a background with the XYZ color 15.6573, 21.5121,

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

15.6573, 21.5121, 25.1568

Protanopia

20.4334, 21.3798, 22.1185

Deuteranopia

21.6802, 21.1777, 26.2376



Tritanopia

17.0391, 21.6490, 31.7144

Trichromacy



Original Color

15.6573, 21.5121, 25.1568

Protanomaly

18.0259, 21.0990, 23.2011

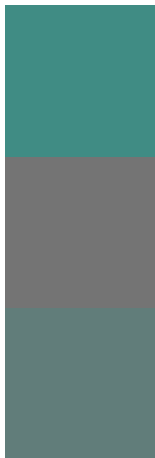
Deuteranomaly

18.6538, 20.7648, 25.9465

Tritanomaly

16.5744, 21.6774, 29.2972

Monochromacy



Original Color

15.6573, 21.5121, 25.1568

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.7762, 18.6138, 21.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6573, 21.5121, 25.1568 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(64, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(64, 140, 132)  
}
```

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(64, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 140, 132) }
```

Border

The CSS property to change the border of an element to XYZ 15.6573, 21.5121, 25.1568 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(64, 140, 132) }
```


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

```
.border{ border-color:rgb(64, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(64, 140,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6573, 21.5121, 25.1568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 140, 132) }
```

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

```
.background{ background-color: rgb(64, 140,  
132) }
```

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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