

Converting Colors

XYZ(15.1424, 21.0812, 22.8189)

Have a look what the booklet for
XYZ(15.1424, 21.0812, 22.8189)
contains.

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Color

**XYZ(15.1143, 21.0697,
22.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	418B7D
RGB	65, 139, 125
RGB Percent	25%, 55%, 49%
CMY	0.7451, 0.4549, 0.5098
CMYK	0.53, 0.00, 0.10, 0.45
HSL	169°, 36%, 40%
HSV	169°, 53%, 55%
XYZ	15.1143, 21.0697, 22.6723
YIQ	115.2780, -39.6100, -20.0420

Conversions

Conversions Part 2

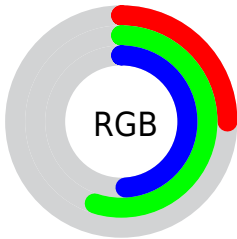
Format	Color
R_{YB}	65, 106, 139
Decimal	4295549
CIE _{Lab}	53.03, -26.64, 0.47
CIE _{LCh}	53, 26.643, 178.996
Yxy	21.0697, 0.2568, 0.3580
Android (android.graphics.Color)	4282485629 (0xFF418B7D)
YUV	115.2780, 4.7929, -44.0938
Hunter-Lab	45.9017, -21.5524, 2.8460




Details

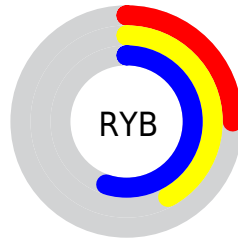
The XYZ color **15.1143, 21.0697, 22.6723** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.9498, 9.8348, 8.5611**, and the grayscale version is **16.3752, 17.2280, 18.7612**.




A 20% lighter version of the original color is **34.7136, 45.2762, 49.0291**, and **4.7942, 7.5012, 8.0327** is the 20% darker color. If you saturate the color by 10%, you get **14.1393, 20.5867, 21.7616**, and if you desaturate by 10%, it is **16.3214, 21.6729, 23.6181**.

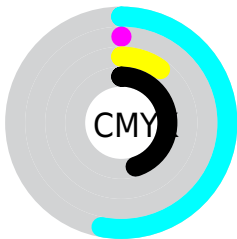
Distribution







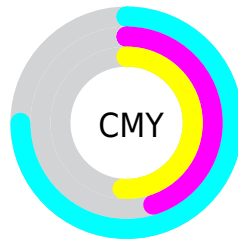
-  Red (25%)
-  Green (55%)
-  Blue (49%)






-  Red (25%)
-  Yellow (42%)
-  Blue (55%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (45%)



-  Cyan (75%)
-  Magenta (45%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1143, 21.0697, 22.6723 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 15.1143, 21.0697, 22.6723 by changing the saturation by 10% instead.

■ 15.1143, 21.0697,
22.6723

■ 15.1143, 21.0697,
22.6723

217.4317,
257.6487, 279.1045

■ 8.9865, 13.1750,
14.1487

■ 34.6236, 45.2035,
48.7710

■ 4.7894, 7.5491,
8.0842

■ 48.7358, 62.2114,
67.1833

■ 2.1577, 3.8078,
4.0603

■ 66.2401, 83.0257,
89.7288

■ 0.7203, 1.5667,
1.6585

■ 87.5020, 108.0309,
116.8261

■ 0.0000, 0.3350,
0.3321

■ 112.8867,
137.6115, 148.8938

■ 0.0000, 0.0000,
0.0000

142.7597,

172.1517, 186.3504

177.4862,
212.0359, 229.6145

■ 15.1143, 21.0697,
22.6723

■ 15.1143, 21.0697,
22.6723

■ 14.1393, 20.5867,
21.7616

■ 16.3214, 21.6729,
23.6181

■ 13.3777, 20.2128,
20.8834

■ 17.7742, 22.4016,
24.5983

■ 12.8107, 19.9386,
20.0372

■ 19.4870, 23.2638,
25.6142

■ 12.4154, 19.7525,
19.2218

■ 21.4728, 24.2663,
26.6667

■ 12.1968, 19.6514,
18.6852

■ 23.7435, 25.4152,
27.7564

■ 26.3105, 26.7162,
28.8841

■ 29.1845, 28.1749,
30.0504

■ 32.3755, 29.7966,
31.2560

■ 35.8932, 31.5861,
32.5014

Harmonies

Analogous

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



15.7597, 21.0697, 15.8848



15.1143, 21.0697, 22.6723



15.6795, 21.0697, 31.2498

Triad

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



15.1143, 21.0697, 22.6723



22.7488, 21.0697, 39.2287



22.9271, 21.0697, 12.1071

Complementary

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



15.1143, 21.0697, 22.6723



13.9498, 9.8348, 8.5611

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.



25.1098, 21.0697, 16.2538



15.1143, 21.0697, 22.6723



25.0003, 21.0697, 31.8282

Square

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



15.1143, 21.0697, 22.6723



19.9320, 21.0697, 42.0520



25.9012, 21.0697, 23.2125



20.1206, 21.0697, 10.7271

Rectangle

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



15.1143, 21.0697, 22.6723



16.6996, 21.0697, 36.6438



25.9012, 21.0697, 23.2125



23.7674, 21.0697, 13.1676

Sweetspot

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



15.1149, 21.0705, 22.6728



37.2922, 42.8690, 47.1601



13.4789, 20.5445, 8.2567



8.4438, 9.8027, 10.7885



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.



15.1149, 21.0705, 22.6728



24.9948, 36.7056, 38.6258



13.1789, 15.6647, 26.7560



5.1329, 5.6727, 6.2211



11.0137, 17.7381, 16.8946



0.0780, 0.1198, 0.1377

Inverse Universe

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



13.9498, 9.8348, 8.5611



22.6928, 14.3207, 10.6068



15.0268, 12.7202, 6.6648



5.0690, 5.0631, 5.4520



9.7863, 5.0246, 1.3788



0.0691, 0.0350, 0.0308

Previews

White Background



This preview shows how the XYZ color 15.1143, 21.0697, 22.6723 looks on a white background.

Color Contrast Check

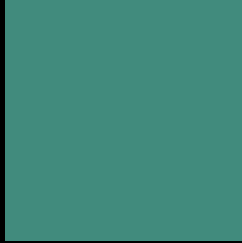
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1143, 21.0697, 22.6723 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 15.1143, 21.0697, 22.6723

Background



This preview shows how black text looks on a background with the XYZ color 15.1143, 21.0697, 22.6723.

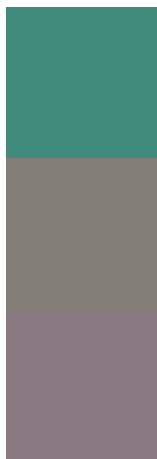


This preview shows how white text looks on a background with the XYZ color 15.1143, 21.0697,

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

15.1143, 21.0697, 22.6723

Protanopia

19.7504, 20.6974, 19.7837

Deuteranopia

21.2385, 20.8224, 23.6686



Tritanopia

16.7431, 21.0926, 30.7926

Trichromacy



Original Color

15.1143, 21.0697, 22.6723

Protanomaly

17.3167, 20.3855, 20.7914

Deuteranomaly

18.1710, 20.3764, 23.3974

Tritanomaly

16.0601, 21.0206, 27.6370

Monochromacy



Original Color

15.1143, 21.0697, 22.6723

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4672, 18.2886, 20.1676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1143, 21.0697, 22.6723 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(65, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(65, 139, 125)  
}
```

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(65, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 139, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.1143, 21.0697, 22.6723 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(65, 139, 125) }
```


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

```
.border{ border-color:rgb(65, 139, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(65, 139,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1143, 21.0697, 22.6723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 139, 125) }
```

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

```
.background{ background-color: rgb(65, 139,  
125) }
```

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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