

Converting Colors

XYZ(14.1574, 14.2262, 24.2689)

Have a look what the booklet for
XYZ(14.1574, 14.2262, 24.2689)
contains.

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Color

**XYZ(14.1137, 14.1355,
24.1748)**

Conversions

Conversions Part 1

Format	Color
Hex	616885
RGB	97, 104, 133
RGB Percent	38%, 41%, 52%
CMY	0.6196, 0.5921, 0.4784
CMYK	0.27, 0.22, 0.00, 0.48
HSL	228°, 16%, 45%
HSV	228°, 27%, 52%
XYZ	14.1137, 14.1355, 24.1748
YIQ	105.2130, -13.4810, 7.5350

Conversions

Conversions Part 2

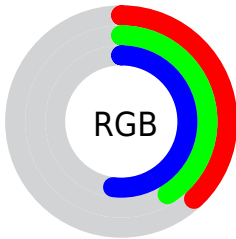
Format	Color
R _Y B	97, 103, 133
Decimal	6383749
CIE Lab	44.43, 4.31, -16.92
CIE LCh	44, 17.462, 284.295
Yxy	14.1355, 0.2692, 0.2696
Android (android.graphics.Color)	4284573829 (0xFF616885)
YUV	105.2130, 13.6990, -7.2028
Hunter-Lab	37.5972, 1.2124, -11.8051

Details

The XYZ color **14.1137, 14.1355, 24.1748** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.2915, 20.7712, 14.3021**, and the grayscale version is **13.4520, 14.1525, 15.4121**.

A 20% lighter version of the original color is **32.7970, 33.2838, 51.1502**, and **4.2911, 4.2038, 8.7689** is the 20% darker color. If you saturate the color by 10%, you get **11.8029, 11.4441, 23.7773**, and if you desaturate by 10%, it is **16.8001, 17.2246, 24.6297**.

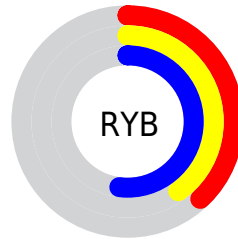
Distribution



Red (38%)

Green (41%)

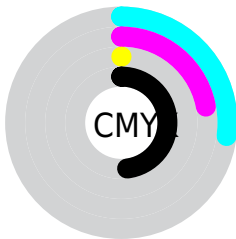
Blue (52%)



Red (38%)

Yellow (40%)

Blue (52%)

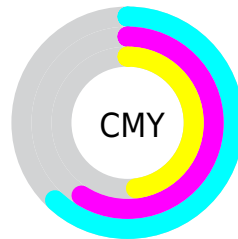


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1137, 14.1355, 24.1748 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 14.1137, 14.1355, 24.1748 by changing the saturation by 10% instead.

■ 14.1137, 14.1355,
24.1748

■ 14.1137, 14.1355,
24.1748

211.4335,
218.0722, 287.0180

■ 8.2820, 8.2150,
15.2499

■ 32.8752, 33.3293,
51.2627

■ 4.3293, 4.2328,
8.8464

■ 46.5358, 47.3713,
70.2628

■ 1.8900, 1.8046,
4.5457

■ 63.5366, 64.8892,
93.4584

■ 0.5710, 0.4901,
1.9292

■ 84.2432, 86.2676,
121.2681

■ 0.0000, 0.0000,
0.5112

109.0208,
111.8906, 154.1104

■ 0.0000, 0.0000,
0.0000

138.2348,

142.1428, 192.4037

172.2506,
177.4085, 236.5668

■ 14.1137, 14.1355,
24.1748

■ 14.1137, 14.1355,
24.1748

■ 11.8029, 11.4441,
23.7773

■ 16.8001, 17.2246,
24.6297

■ 9.8494, 9.1323,
23.4341

■ 19.8765, 20.7251,
25.1432

■ 8.2353, 7.1832,
23.1429

■ 23.3584, 24.6521,
25.7177

■ 6.9405, 5.5779,
22.9013

■ 27.2599, 29.0194,
26.3550

■ 5.9431, 4.2957,
22.7064

■ 31.5945, 33.8403,
27.0571

■ 5.2179, 3.3134,
22.5550

■ 36.3750, 39.1273,
27.8256

■ 4.7221, 2.5978,
22.4430

■ 41.6138, 44.8926,
28.6624

■ 4.6001, 2.4263,
22.4164

■ 47.3226, 51.1480,
29.5689

■ 53.5130, 57.9046,
30.5468

Harmonies

Analogous

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



12.7171, 14.1355, 24.1082



14.1137, 14.1355, 24.1748



15.4123, 14.1355, 21.6217

Triad

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



14.1137, 14.1355, 24.1748



15.4639, 14.1355, 10.5944



10.9982, 14.1355, 13.3898

Complementary

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



14.1137, 14.1355, 24.1748



19.2915, 20.7712, 14.3021

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.



11.6352, 14.1355, 10.4897



14.1137, 14.1355, 24.1748



14.1802, 14.1355, 9.0784

Square

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



14.1137, 14.1355, 24.1748



16.2278, 14.1355, 13.5583



12.7791, 14.1355, 9.0437



10.9832, 14.1355, 17.3822

Rectangle

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



14.1137, 14.1355, 24.1748



16.0203, 14.1355, 18.9979



12.7791, 14.1355, 9.0437



11.1446, 14.1355, 12.2725

Sweetspot

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



14.1142, 14.1361, 24.1751



34.9448, 36.3780, 44.9183



17.0706, 20.8179, 22.7898



7.7003, 8.0000, 10.0910



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.1142, 14.1361, 24.1751



22.8521, 22.5005, 42.8770



14.6687, 13.4188, 24.0075



4.5024, 4.6805, 5.8669



4.3865, 2.3209, 21.3535



0.0194, 0.0164, 0.0754

Inverse Universe

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



16.4466, 14.5358, 15.0362



27.7330, 23.4432, 23.7289



18.5998, 21.7905, 14.5353



4.7069, 4.7024, 5.0687



9.3922, 4.8212, 1.3719



0.0346, 0.0175, 0.0158

Previews

White Background



This preview shows how the XYZ color 14.1137, 14.1355, 24.1748 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 14.1137, 14.1355, 24.1748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

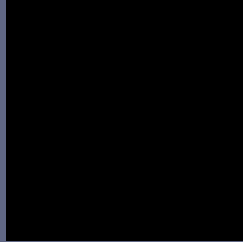
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

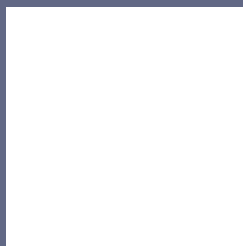
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1137, 14.1355, 24.1748

Background



This preview shows how black text looks on a background with the XYZ color 14.1137, 14.1355, 24.1748.



This preview shows how white text looks on a background with the XYZ color 14.1137, 14.1355,

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

14.1137, 14.1355, 24.1748

Protanopia

14.2210, 14.1908, 24.1799

Deuteranopia

14.3394, 14.1033, 24.1567



Tritanopia

12.9243, 14.1035, 18.5641

Trichromacy



Original Color

14.1137, 14.1355, 24.1748

Protanomaly

14.2210, 14.1908, 24.1799

Deuteranomaly

14.2295, 14.0466, 24.1516

Tritanomaly

13.2830, 14.0929, 20.4325

Monochromacy



Original Color

14.1137, 14.1355, 24.1748

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6256, 14.1657, 18.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1137, 14.1355, 24.1748 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(97, 104, 133) looks like.

```
.text, #text, p{  
    color:rgb(97, 104, 133)  
}
```

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(97, 104, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 104, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.1137, 14.1355, 24.1748 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(97, 104, 133) }
```


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

```
.border{ border-color:rgb(97, 104, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 104, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 104, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 104, 133);  
box-shadow:4px 4px 4px 4px rgb(97, 104,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1137, 14.1355, 24.1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 104, 133) }
```

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

```
.background{ background-color: rgb(97, 104,  
133) }
```

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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