

Converting Colors

XYZ(14.3157, 15.6713, 23.7408)

Have a look what the booklet for
XYZ(14.3157, 15.6713, 23.7408)
contains.

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Color

**XYZ(14.3162, 15.6731,
23.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7183
RGB	91, 113, 131
RGB Percent	36%, 44%, 51%
CMY	0.6431, 0.5569, 0.4863
CMYK	0.31, 0.14, 0.00, 0.49
HSL	207°, 18%, 44%
HSV	207°, 31%, 51%
XYZ	14.3162, 15.6731, 23.7434
YIQ	108.4740, -18.8900, 0.9340

Conversions

Conversions Part 2

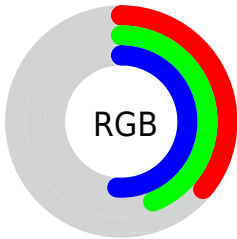
Format	Color
R_{YB}	91, 105, 131
Decimal	5992835
CIE Lab	46.54, -3.55, -12.55
CIE LCh	47, 13.041, 254.209
Yxy	15.6731, 0.2664, 0.2917
Android (android.graphics.Color)	4284182915 (0xFF5B7183)
YUV	108.4740, 11.1053, -15.3247
Hunter-Lab	39.5893, -4.7324, -7.8463

Details

The XYZ color **14.3162, 15.6731, 23.7434** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7172, 16.5179, 12.2050**, and the grayscale version is **14.3610, 15.1089, 16.4535**.

A 20% lighter version of the original color is **33.2622, 36.1217, 50.5665**, and **4.4095, 4.9034, 8.6967** is the 20% darker color. If you saturate the color by 10%, you get **12.4995, 13.7921, 23.4764**, and if you desaturate by 10%, it is **16.4020, 17.7570, 24.0360**.

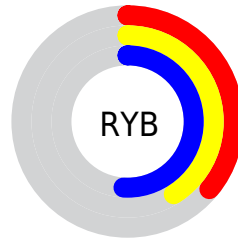
Distribution



Red (36%)

Green (44%)

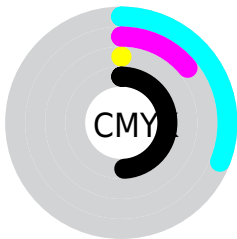
Blue (51%)



Red (36%)

Yellow (41%)

Blue (51%)

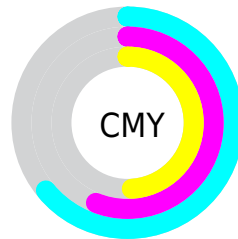


Cyan (31%)

Magenta (14%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3162, 15.6731, 23.7434 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 14.3162, 15.6731, 23.7434 by changing the saturation by 10% instead.

■ 14.3162, 15.6731,
23.7434

■ 14.3162, 15.6731,
23.7434

212.6606,
227.4049, 284.7653

■ 8.4241, 9.2931,
14.9329

■ 33.2306, 36.0298,
50.5497

■ 4.4216, 4.9329,
8.6262

■ 46.9837, 50.7752,
69.3827

■ 1.9433, 2.2079,
4.4047

■ 64.0877, 69.0780,
92.3935

■ 0.6018, 0.7243,
1.8499

■ 84.9081, 91.3224,
120.0008

■ 0.0000, 0.0000,
0.4606

109.8103,
117.8930, 152.6231

■ 0.0000, 0.0000,
0.0000

139.1595,

149.1740, 190.6789

173.3212,
185.5498, 234.5868

■ 14.3162, 15.6731,
23.7434

■ 14.3162, 15.6731,
23.7434

■ 12.4995, 13.7921,
23.4764

■ 16.4020, 17.7570,
24.0360

■ 10.9380, 12.1046,
23.2329

■ 18.7672, 20.0491,
24.3537

■ 9.6186, 10.6028,
23.0126

■ 21.4232, 22.5568,
24.6978

■ 8.5262, 9.2779,
22.8144

■ 24.3803, 25.2866,
25.0688

■ 7.6441, 8.1197,
22.6374

■ 27.6482, 28.2445,
25.4675

■ 6.9526, 7.1169,
22.4803

■ 31.2363, 31.4364,
25.8945

■ 6.4177, 6.2806,
22.3470

■ 35.1536, 34.8680,
26.3504

■ 39.4086, 38.5446,
26.8358

■ 44.0094, 42.4715,
27.3513

Harmonies

Analogous

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



13.4003, 15.6731, 21.7568



14.3162, 15.6731, 23.7434



15.4338, 15.6731, 23.7986

Triad

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



14.3162, 15.6731, 23.7434



17.0924, 15.6731, 15.5903



13.4397, 15.6731, 13.0009

Complementary

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



14.3162, 15.6731, 23.7434



16.7172, 16.5179, 12.2050

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.



14.3724, 15.6731, 11.7394



14.3162, 15.6731, 23.7434



16.5008, 15.6731, 13.1020

Square

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



14.3162, 15.6731, 23.7434



17.0755, 15.6731, 18.8063



15.4929, 15.6731, 11.7739



12.9118, 15.6731, 15.4353

Rectangle

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



14.3162, 15.6731, 23.7434



16.1456, 15.6731, 22.7149



15.4929, 15.6731, 11.7739



13.7141, 15.6731, 12.4400

Sweetspot

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



14.3167, 15.6737, 23.7438



34.2082, 36.4763, 43.6908



15.1555, 19.5469, 17.2550



7.8300, 8.3642, 10.1545



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.



14.3167, 15.6737, 23.7438



23.2100, 25.5669, 42.1648



12.3845, 11.8094, 23.0997



4.6309, 4.9375, 5.9097



6.3199, 6.1875, 21.9979



0.0292, 0.0360, 0.0786

Inverse Universe

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



16.0822, 13.5000, 17.3817



26.9991, 21.2547, 28.4308



19.0114, 21.1064, 12.9697



4.7717, 4.7284, 5.4103



10.3681, 5.2116, 6.5107



0.0396, 0.0195, 0.0420

Previews

White Background



This preview shows how the XYZ color 14.3162, 15.6731, 23.7434 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 14.3162, 15.6731, 23.7434 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

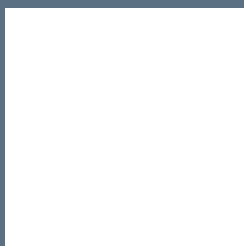
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3162, 15.6731, 23.7434

Background



This preview shows how black text looks on a background with the XYZ color 14.3162, 15.6731, 23.7434.

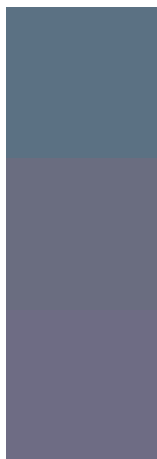


This preview shows how white text looks on a background with the XYZ color 14.3162, 15.6731,

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

14.3162, 15.6731, 23.7434

Protanopia

15.3088, 15.5600, 22.6186

Deuteranopia

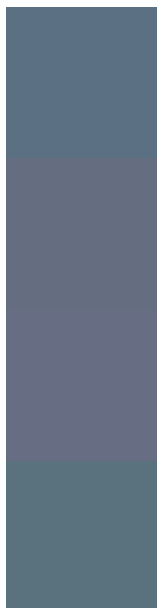
15.9578, 15.7061, 24.0203



Tritanopia

13.7123, 15.5885, 21.0251

Trichromacy



Original Color

14.3162, 15.6731, 23.7434

Protanomaly

14.9052, 15.5035, 22.9758

Deuteranomaly

15.3343, 15.7014, 24.0523

Tritanomaly

13.9997, 15.7146, 22.0340

Monochromacy



Original Color

14.3162, 15.6731, 23.7434

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2078, 15.2376, 18.7153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3162, 15.6731, 23.7434 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(91, 113, 131) looks like.

```
.text, #text, p{  
    color:rgb(91, 113, 131)  
}
```

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(91, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.3162, 15.6731, 23.7434 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(91, 113, 131) }
```


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

```
.border{ border-color:rgb(91, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(91, 113,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3162, 15.6731, 23.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 113, 131) }
```

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

```
.background{ background-color: rgb(91, 113,  
131) }
```

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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