

Converting Colors

XYZ(14.2935, 17.3582, 24.4257)

Have a look what the booklet for
XYZ(14.2935, 17.3582, 24.4257)
contains.

XYZ(14.3084, 17.4096, 24.4361)	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(14.3084, 17.4096,
24.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7B84
RGB	77, 123, 132
RGB Percent	30%, 48%, 52%
CMY	0.6980, 0.5176, 0.4823
CMYK	0.42, 0.07, 0.00, 0.48
HSL	190°, 26%, 41%
HSV	190°, 42%, 52%
XYZ	14.3084, 17.4096, 24.4361
YIQ	110.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

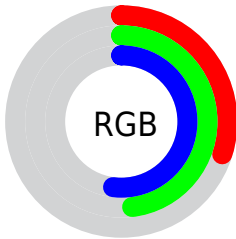
Format	Color
RYB	77, 102, 132
Decimal	5077892
CIELab	48.77, -13.21, -9.86
CIElCh	49, 16.484, 216.757
Yxy	17.4096, 0.2548, 0.3100
Android (android.graphics.Color)	4283267972 (0xFF4D7B84)
YUV	110.2720, 10.7119, -29.1795
Hunter-Lab	41.7248, -11.8067, -5.5158

Details

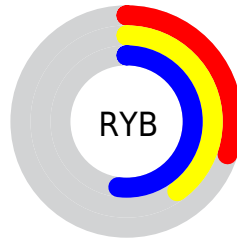
The XYZ color **14.3084, 17.4096, 24.4361** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.1835, 12.0974, 8.6092**, and the grayscale version is **14.8760, 15.6507, 17.0436**.

A 20% lighter version of the original color is **33.3356, 39.2206, 51.7123**, and **4.4110, 5.7288, 9.0569** is the 20% darker color. If you saturate the color by 10%, you get **13.0847, 16.3858, 24.3033**, and if you desaturate by 10%, it is **15.7553, 18.5581, 24.5818**.

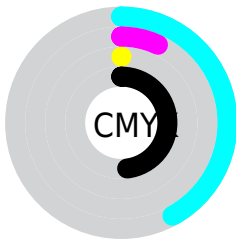
Distribution



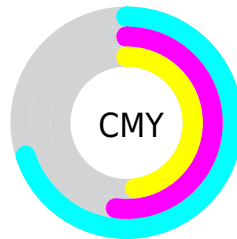
- Red (30%)
- Green (48%)
- Blue (52%)



- Red (30%)
- Yellow (40%)
- Blue (52%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3084, 17.4096, 24.4361 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 14.3084, 17.4096, 24.4361 by changing the saturation by 10% instead.

■ 14.3084, 17.4096,
24.4361

■ 14.3084, 17.4096,
24.4361

212.6135,
237.5219, 288.3751

■ 8.4186, 10.5270,
15.4422

■ 33.2170, 39.0287,
51.6936

■ 4.4180, 5.7497,
8.9803

■ 46.9664, 54.5339,
70.7944

■ 1.9412, 2.6935,
4.6317

■ 64.0665, 73.6821,
94.1012

■ 0.6006, 0.9739,
1.9779

■ 84.8826, 96.8577,
122.0327

■ 0.0000, 0.0000,
0.5416

■ 109.7799,
124.4451, 155.0072

■ 0.0000, 0.0000,
0.0000

139.1240,

156.8287, 193.4435

173.2800,
194.3928, 237.7599

■ 14.3084, 17.4096,
24.4361

■ 14.3084, 17.4096,
24.4361

■ 13.0847, 16.3858,
24.3033

■ 15.7553, 18.5581,
24.5818

■ 12.0693, 15.4776,
24.1815

■ 17.4358, 19.8354,
24.7398

■ 11.2482, 14.6783,
24.0705

■ 19.3617, 21.2481,
24.9110

■ 10.6047, 13.9792,
23.9695

■ 21.5434, 22.8017,
25.0959

■ 10.1195, 13.3703,
23.8775

■ 23.9909, 24.5012,
25.2949

■ 9.7844, 12.9049,
23.8053

■ 26.7133, 26.3516,
25.5086

■ 29.7197, 28.3574,
25.7373

■ 33.0184, 30.5231,
25.9814

■ 36.6176, 32.8528,
26.2414

Harmonies

Analogous

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



13.8040, 17.4096, 19.9610



14.3084, 17.4096, 24.4361



15.4174, 17.4096, 27.7623

Triad

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



14.3084, 17.4096, 24.4361



19.3891, 17.4096, 22.4653



16.2048, 17.4096, 11.7825

Complementary

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



14.3084, 17.4096, 24.4361



14.1835, 12.0974, 8.6092

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.



17.7311, 17.4096, 12.2420



14.3084, 17.4096, 24.4361



19.6319, 17.4096, 17.9855

Square

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



14.3084, 17.4096, 24.4361



18.3640, 17.4096, 26.5079



19.0084, 17.4096, 14.3635



14.8546, 17.4096, 12.9949

Rectangle

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



14.3084, 17.4096, 24.4361



16.3821, 17.4096, 28.6325



19.0084, 17.4096, 14.3635



16.7137, 17.4096, 11.7498

Sweetspot

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



14.3089, 17.4103, 24.4365



33.8879, 37.2709, 43.8611



12.9619, 18.7406, 11.5812



7.8016, 8.6135, 10.2041



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.



14.3089, 17.4103, 24.4365



23.1568, 28.9566, 42.8218



11.4316, 11.6557, 23.4774



4.7385, 5.1527, 5.9456



9.4768, 12.5015, 23.0502



0.0371, 0.0519, 0.0813

Inverse Universe

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



15.7452, 11.6439, 20.1572



26.1189, 17.6352, 33.8685



16.7330, 17.1964, 9.4590



4.8260, 4.7501, 5.6963



11.9616, 5.8490, 14.9019



0.0436, 0.0211, 0.0630

Previews

White Background



This preview shows how the XYZ color 14.3084, 17.4096, 24.4361 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 14.3084, 17.4096, 24.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

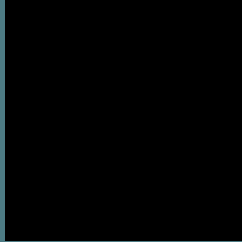
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3084, 17.4096, 24.4361

Background



This preview shows how black text looks on a background with the XYZ color 14.3084, 17.4096, 24.4361.



This preview shows how white text looks on a background with the XYZ color 14.3084, 17.4096,

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

14.3084, 17.4096, 24.4361

Protanopia

16.9009, 17.3712, 22.5409

Deuteranopia

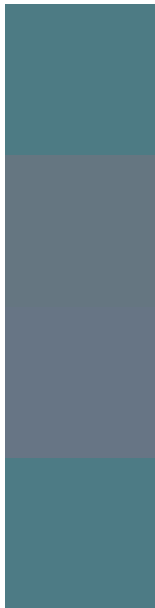
17.6794, 17.3830, 24.9777



Tritanopia

14.3772, 17.4372, 24.7983

Trichromacy



Original Color

14.3084, 17.4096, 24.4361

Protanomaly

15.8077, 17.3085, 23.2766

Deuteranomaly

16.1884, 17.2996, 24.6762

Tritanomaly

14.3772, 17.4372, 24.7983

Monochromacy



Original Color

14.3084, 17.4096, 24.4361

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4378, 16.1661, 19.4990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3084, 17.4096, 24.4361 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(77, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(77, 123, 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(77, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.3084, 17.4096, 24.4361 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(77, 123, 132) }
```


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

```
.border{ border-color:rgb(77, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(77, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3084, 17.4096, 24.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 123, 132) }
```

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

```
.background{ background-color: rgb(77, 123,  
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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