

Converting Colors

XYZ(13.1614, 17.4939, 24.5130)

Have a look what the booklet for
XYZ(13.1614, 17.4939, 24.5130)
contains.

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Color

**XYZ(13.2224, 17.6016,
24.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	357F84
RGB	53, 127, 132
RGB Percent	21%, 50%, 52%
CMY	0.7921, 0.5020, 0.4824
CMYK	0.60, 0.04, 0.00, 0.48
HSL	184°, 43%, 36%
HSV	184°, 60%, 52%
XYZ	13.2224, 17.6016, 24.5303
YIQ	105.4440, -45.7090, -14.1330

Conversions

Conversions Part 2

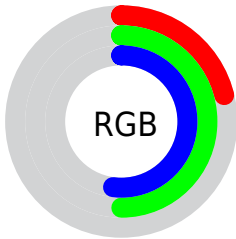
Format	Color
RYB	53, 91, 132
Decimal	3506052
CIELab	49.01, -21.14, -9.61
CIELCh	49, 23.219, 204.453
Yxy	17.6016, 0.2389, 0.3180
Android (android.graphics.Color)	4281696132 (0xFF357F84)
YUV	105.4440, 13.0921, -45.9934
Hunter-Lab	41.9543, -17.1635, -5.2984

Details

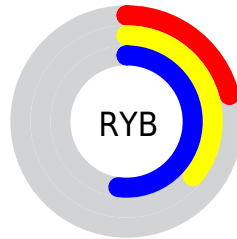
The XYZ color **13.2224, 17.6016, 24.5303** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.6716, 8.1889, 4.3340**, and the grayscale version is **13.5227, 14.2269, 15.4931**.

A 20% lighter version of the original color is **31.2626, 39.3334, 51.8433**, and **4.2857, 6.0733, 9.1300** is the 20% darker color. If you saturate the color by 10%, you get **12.5146, 17.0776, 24.4668**, and if you desaturate by 10%, it is **14.1234, 18.2273, 24.6039**.

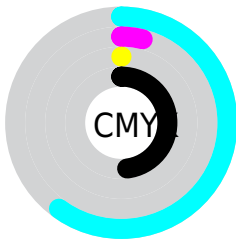
Distribution



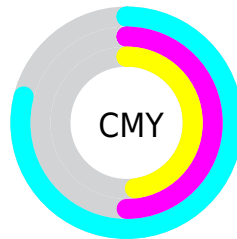
- Red (21%)
- Green (50%)
- Blue (52%)



- Red (21%)
- Yellow (36%)
- Blue (52%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



- Cyan (79%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2224, 17.6016, 24.5303 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 13.2224, 17.6016, 24.5303 by changing the saturation by 10% instead.

■ 13.2224, 17.6016,
24.5303

■ 13.2224, 17.6016,
24.5303

205.9470,
238.6158, 288.8631

■ 7.6599, 10.6643,
15.5116

■ 31.3007, 39.3573,
51.8488

■ 3.9281, 5.8416,
9.0286

■ 44.5472, 54.9445,
70.9858

■ 1.6615, 2.7490,
4.6628

■ 61.0858, 74.1838,
94.3326

■ 0.4320, 1.0021,
1.9956

■ 81.2818, 97.4596,
122.3077

■ 0.0000, 0.0000,
0.5525

■ 105.5006,
125.1563, 155.3298

■ 0.0000, 0.0000,
0.0000

■ 134.1074,

157.6583, 193.8174

167.4678,
195.3500, 238.1890

■ 13.2224, 17.6016,
24.5303

■ 13.2224, 17.6016,
24.5303

■ 12.5146, 17.0776,
24.4668

■ 14.1234, 18.2273,
24.6039

■ 11.9822, 16.6450,
24.4113

■ 15.2302, 18.9600,
24.6870

■ 11.6069, 16.2947,
24.3635

■ 16.5564, 19.8071,
24.7806

■ 11.3327, 15.9979,
24.3207

■ 18.1138, 20.7748,
24.8853

■ 11.3286, 15.9933,
24.3200

■ 19.9134, 21.8687,
25.0016

■ 21.9656, 23.0941,
25.1300

■ 24.2801, 24.4561,
25.2709

■ 26.8660, 25.9594,
25.4247

■ 29.7322, 27.6085,
25.5920

Harmonies

Analogous

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



12.9225, 17.6016, 18.0367



13.2224, 17.6016, 24.5303



14.4266, 17.6016, 30.5811

Triad

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



13.2224, 17.6016, 24.5303



20.3468, 17.6016, 26.9570



17.1350, 17.6016, 9.5867

Complementary

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



13.2224, 17.6016, 24.5303



11.6716, 8.1889, 4.3340

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.



19.2660, 17.6016, 11.0159



13.2224, 17.6016, 24.5303



21.2199, 17.6016, 20.3397

Square

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



13.2224, 17.6016, 24.5303



18.5110, 17.6016, 32.1804



20.8083, 17.6016, 14.6456



15.0667, 17.6016, 10.2390

Rectangle

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



13.2224, 17.6016, 24.5303



15.6397, 17.6016, 33.0823



20.8083, 17.6016, 14.6456



17.8694, 17.6016, 9.8282

Sweetspot

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



13.2229, 17.6023, 24.5307



32.3381, 36.8587, 43.8632



10.4571, 17.5546, 6.7020



7.3534, 8.4737, 10.2007



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.



13.2229, 17.6023, 24.5307



21.6567, 29.7771, 43.0593



9.1685, 9.4934, 23.1792



4.7771, 5.2298, 5.9584



10.9702, 15.4883, 23.5480



0.0399, 0.0574, 0.0822

Inverse Universe

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



14.6200, 8.9844, 21.0431



24.4291, 13.3885, 35.9783



14.3827, 13.6111, 5.2377



4.8455, 4.7579, 5.7988



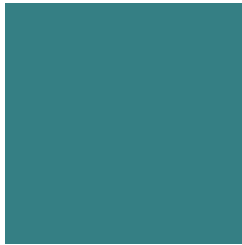
12.7154, 6.1505, 18.8713



0.0450, 0.0217, 0.0704

Previews

White Background



This preview shows how the XYZ color 13.2224, 17.6016, 24.5303 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 13.2224, 17.6016, 24.5303 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 13.2224, 17.6016, 24.5303

Background



This preview shows how black text looks on a background with the XYZ color 13.2224, 17.6016, 24.5303.



This preview shows how white text looks on a background with the XYZ color 13.2224, 17.6016,

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

13.2224, 17.6016, 24.5303

Protanopia

16.8391, 17.3615, 21.5324

Deuteranopia

17.7495, 17.4111, 25.3468



Tritanopia

13.5518, 17.5401, 26.3382

Trichromacy



Original Color

13.2224, 17.6016, 24.5303

Protanomaly

14.8412, 17.0013, 22.5780

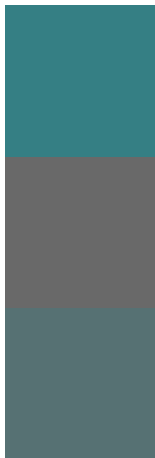
Deuteranomaly

15.3976, 17.0578, 25.0352

Tritanomaly

13.3553, 17.4552, 25.5870

Monochromacy



Original Color

13.2224, 17.6016, 24.5303

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.8374, 15.0265, 18.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2224, 17.6016, 24.5303 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(53, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(53, 127, 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(53, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 127, 132) }
```

Border

The CSS property to change the border of an element to XYZ 13.2224, 17.6016, 24.5303 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(53, 127, 132) }
```


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

```
.border{ border-color:rgb(53, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(53, 127,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2224, 17.6016, 24.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 127, 132) }
```

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

```
.background{ background-color: rgb(53, 127,  
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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