

Converting Colors

XYZ(14.9780, 20.3085, 28.4082)

Have a look what the booklet for
XYZ(14.9780, 20.3085, 28.4082)
contains.

XYZ(14.9273, 20.2095, 28.3134)	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(14.9273, 20.2095,
28.3134)**

Conversions

Conversions Part 1

Format	Color
Hex	32888D
RGB	50, 136, 141
RGB Percent	20%, 53%, 55%
CMY	0.8039, 0.4667, 0.4471
CMYK	0.65, 0.04, 0.00, 0.45
HSL	183°, 48%, 37%
HSV	183°, 65%, 55%
XYZ	14.9273, 20.2095, 28.3134
YIQ	110.8560, -52.8610, -16.6770

Conversions

Conversions Part 2

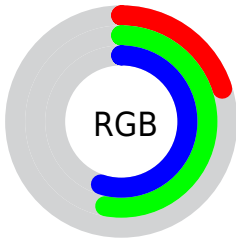
Format	Color
RYB	50, 94, 141
Decimal	3311757
CIELab	52.07, -23.66, -10.29
CIELCh	52, 25.795, 203.505
Yxy	20.2095, 0.2353, 0.3185
Android (android.graphics.Color)	4281501837 (0xFF32888D)
YUV	110.8560, 14.8610, -53.3707
Hunter-Lab	44.9550, -19.4003, -5.8734

Details

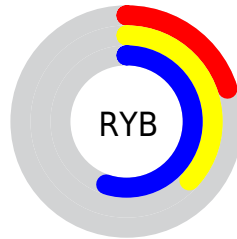
The XYZ color **14.9273, 20.2095, 28.3134** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.9269, 8.6260, 4.0019**, and the grayscale version is **15.0377, 15.8208, 17.2289**.

A 20% lighter version of the original color is **34.4481, 43.9552, 58.2984**, and **5.2161, 7.4109, 11.0531** is the 20% darker color. If you saturate the color by 10%, you get **14.2278, 19.6880, 28.2500**, and if you desaturate by 10%, it is **15.8430, 20.8445, 28.3881**.

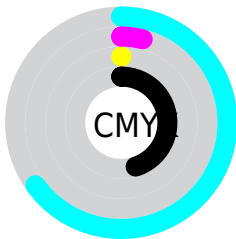
Distribution



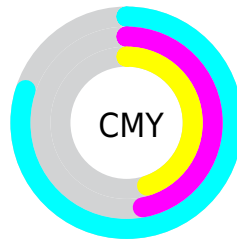
- Red (20%)
- Green (53%)
- Blue (55%)



- Red (20%)
- Yellow (37%)
- Blue (55%)



- Cyan (65%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9273, 20.2095, 28.3134 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 14.9273, 20.2095, 28.3134 by changing the saturation by 10% instead.

■ 14.9273, 20.2095,
28.3134

■ 14.9273, 20.2095,
28.3134

■ 216.3229,
253.0470, 307.9204

■ 8.8544, 12.5474,
18.3209

■ 34.2983, 43.7681,
58.0135

■ 4.7027, 7.1176,
11.0088

■ 48.3271, 60.4335,
78.5583

■ 2.1068, 3.5358,
5.9585

■ 65.7385, 80.8687,
103.4575

■ 0.6929, 1.4174,
2.7515

■ 86.8979, 105.4583,
133.1298

■ 0.0000, 0.2295,
0.9692

■ 112.1707,
134.5865, 167.9937

■ 0.0000, 0.0000,
0.0000

■ 141.9222,

168.6377, 208.4678

176.5178,
207.9964, 254.9705

■ 14.9273, 20.2095,
28.3134

■ 14.9273, 20.2095,
28.3134

■ 14.2278, 19.6880,
28.2500

■ 15.8430, 20.8445,
28.3881

■ 13.7222, 19.2671,
28.1954

■ 16.9908, 21.6000,
28.4734

■ 13.3849, 18.9342,
28.1489

■ 18.3874, 22.4848,
28.5706

■ 13.2303, 18.7680,
28.1250

■ 20.0472, 23.5066,
28.6803

■ 21.9838, 24.6722,
28.8032

■ 24.2096, 25.9880,
28.9399

■ 26.7363, 27.4602,
29.0909

■ 29.5751, 29.0945,
29.2567

■ 32.7365, 30.8963,
29.4379

Harmonies

Analogous

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



14.6019, 20.2095, 20.4041



14.9273, 20.2095, 28.3134



16.3503, 20.2095, 35.8507

Triad

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



14.9273, 20.2095, 28.3134



23.5758, 20.2095, 31.8109



19.7873, 20.2095, 10.5079

Complementary

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



14.9273, 20.2095, 28.3134



12.9269, 8.6260, 4.0019

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.



22.3818, 20.2095, 12.2804



14.9273, 20.2095, 28.3134



24.6945, 20.2095, 23.6869

Square

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



14.9273, 20.2095, 28.3134



21.3007, 20.2095, 38.1713



24.2388, 20.2095, 16.7105



17.2580, 20.2095, 11.2012

Rectangle

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



14.9273, 20.2095, 28.3134



17.8057, 20.2095, 39.0541



24.2388, 20.2095, 16.7105



20.6831, 20.2095, 10.8188

Sweetspot

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



14.9279, 20.2103, 28.3139



37.6157, 43.1333, 51.4709



11.5197, 19.9999, 6.8121



8.2090, 9.5177, 11.4839



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.



14.9279, 20.2103, 28.3139



25.0667, 34.9264, 50.5482



9.8606, 10.0756, 26.6248



5.5352, 6.0663, 6.9079



12.0671, 17.1203, 25.6456



0.1204, 0.1737, 0.2469

Inverse Universe

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



16.5696, 9.7221, 24.2965



28.3275, 14.9412, 42.3789



16.1228, 15.0177, 5.0672



5.6136, 5.5060, 6.7294



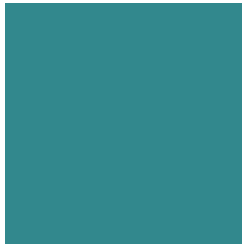
13.8940, 6.7146, 20.8911



0.1354, 0.0652, 0.2131

Previews

White Background



This preview shows how the XYZ color 14.9273, 20.2095, 28.3134 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 14.9273, 20.2095, 28.3134 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

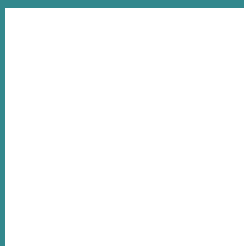
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9273, 20.2095, 28.3134

Background



This preview shows how black text looks on a background with the XYZ color 14.9273, 20.2095, 28.3134.



This preview shows how white text looks on a background with the XYZ color 14.9273, 20.2095,

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

14.9273, 20.2095, 28.3134

Protanopia

19.4850, 20.0703, 25.0373

Deuteranopia

20.3289, 20.0483, 29.1838



Tritanopia

15.3205, 20.1602, 30.2780

Trichromacy



Original Color

14.9273, 20.2095, 28.3134

Protanomaly

16.9870, 19.7027, 26.2002

Deuteranomaly

17.4558, 19.5015, 28.8308

Tritanomaly

15.1142, 20.0716, 29.4632

Monochromacy



Original Color

14.9273, 20.2095, 28.3134

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.3491, 16.9619, 20.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9273, 20.2095, 28.3134 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(50, 136, 141)` looks like.

```
.text, #text, p{  
    color:rgb(50, 136, 141)  
}
```

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(50, 136, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 136, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.9273, 20.2095, 28.3134 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(50, 136, 141) }
```


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

```
.border{ border-color:rgb(50, 136, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 136, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 136, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 136, 141);  
box-shadow:4px 4px 4px 4px rgb(50, 136,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9273, 20.2095, 28.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 136, 141) }
```

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

```
.background{ background-color: rgb(50, 136,  
141) }
```

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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