

Converting Colors

XYZ(13.0586, 20.6329, 14.1208)

Have a look what the booklet for
XYZ(13.0586, 20.6329, 14.1208)
contains.

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Color

**XYZ(13.0586, 20.6329,
14.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	358D5F
RGB	53, 141, 95
RGB Percent	21%, 55%, 37%
CMY	0.7922, 0.4470, 0.6274
CMYK	0.62, 0.00, 0.33, 0.45
HSL	149°, 45%, 38%
HSV	149°, 62%, 55%
XYZ	13.0586, 20.6329, 14.1208
YIQ	109.4440, -37.6820, -32.9620

Conversions

Conversions Part 2

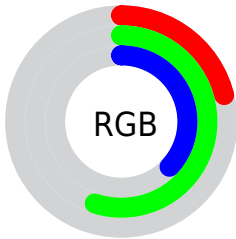
Format	Color
R_{YB}	53, 113, 141
Decimal	3509599
CIE _{Lab}	52.55, -37.45, 16.95
CIE _{LCh}	53, 41.108, 155.654
Yxy	20.6329, 0.2731, 0.4315
Android (android.graphics.Color)	4281699679 (0xFF358D5F)
YUV	109.4440, -7.1209, -49.5014
Hunter-Lab	45.4235, -28.1748, 13.3649

Details

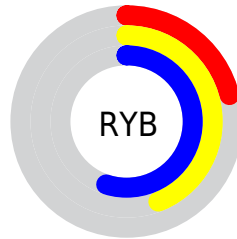
The XYZ color **13.0586, 20.6329, 14.1208** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.5103, 9.1101, 12.7984**, and the grayscale version is **14.6898, 15.4548, 16.8303**.

A 20% lighter version of the original color is **31.0101, 44.3567, 34.1214**, and **4.1897, 7.5257, 4.0281** is the 20% darker color. If you saturate the color by 10%, you get **12.1044, 20.1785, 12.4094**, and if you desaturate by 10%, it is **14.2637, 21.2142, 16.0103**.

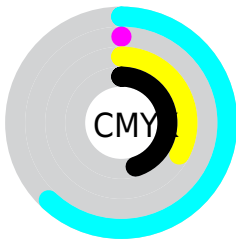
Distribution



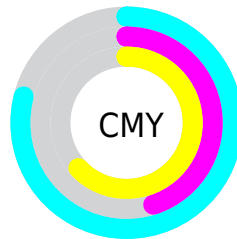
- Red (21%)
- Green (55%)
- Blue (37%)



- Red (21%)
- Yellow (44%)
- Blue (55%)



- Cyan (62%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0586, 20.6329, 14.1208 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 13.0586, 20.6329, 14.1208 by changing the saturation by 10% instead.

■ 13.0586, 20.6329,
14.1208

■ 13.0586, 20.6329,
14.1208

204.9229,
255.3211, 229.4355

■ 7.5462, 12.8559,
8.0650

■ 31.0094, 44.4758,
34.0234

■ 3.8553, 7.3294,
4.0482

■ 44.1786, 61.3105,
48.7073

■ 1.6206, 3.6690,
1.6518

■ 60.6307, 81.9332,
67.1044

■ 0.4058, 1.4902,
0.3274

■ 80.7311, 106.7283,
89.6331

■ 0.0000, 0.2818,
0.0000

■ 104.8451,
136.0803, 116.7121

■ 0.0000, 0.0000,
0.0000

■ 133.3382,

170.3735, 148.7598

166.5757,
209.9923, 186.1947

■ 13.0586, 20.6329,
14.1208

■ 13.0586, 20.6329,
14.1208

■ 12.1044, 20.1785,
12.4094

■ 14.2637, 21.2142,
16.0103

■ 11.3789, 19.8378,
10.8693

■ 15.7364, 21.9290,
18.0819

■ 10.8583, 19.5993,
9.4949

■ 17.4935, 22.7867,
20.3409

■ 10.5473, 19.4594,
8.5572

■ 19.5503, 23.7948,
22.7921

■ 21.9206, 24.9606,
25.4402

■ 24.6175, 26.2906,
28.2896

■ 27.6533, 27.7912,
31.3445

■ 31.0398, 29.4682,
34.6091

■ 34.7879, 31.3273,
38.0875

Harmonies

Analogous

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



15.2161, 20.6329, 8.2935



13.0586, 20.6329, 14.1208



12.5409, 20.6329, 24.8553

Triad

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



13.0586, 20.6329, 14.1208



20.4285, 20.6329, 54.8021



27.0426, 20.6329, 11.3843

Complementary

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



13.0586, 20.6329, 14.1208



14.5103, 9.1101, 12.7984

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.



28.9368, 20.6329, 20.2345



13.0586, 20.6329, 14.1208



24.7797, 20.6329, 47.4059

Square

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



13.0586, 20.6329, 14.1208



16.4262, 20.6329, 51.3078



28.0540, 20.6329, 33.5824



23.1828, 20.6329, 7.1608

Rectangle

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



13.0586, 20.6329, 14.1208



13.1189, 20.6329, 34.2201



28.0540, 20.6329, 33.5824



27.9539, 20.6329, 13.7681

Sweetspot

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



13.0591, 20.6337, 14.1213



36.2250, 43.2078, 42.2025



15.4162, 22.0133, 6.8047



7.8617, 9.5380, 9.1647



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.



13.0591, 20.6337, 14.1213



21.0833, 35.8550, 21.0282



15.5860, 21.6445, 27.4274



5.4433, 6.0696, 6.3005



9.6247, 17.7458, 7.8439



0.1030, 0.1741, 0.1330

Inverse Universe

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



14.5103, 9.1101, 12.7984



23.9074, 13.3923, 18.4269



12.9703, 8.4941, 4.6888



5.5192, 5.4682, 6.2322



11.1418, 5.6138, 6.3982



0.1177, 0.0581, 0.1198

Previews

White Background



This preview shows how the XYZ color 13.0586, 20.6329, 14.1208 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 13.0586, 20.6329, 14.1208 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 13.0586, 20.6329, 14.1208

Background



This preview shows how black text looks on a background with the XYZ color 13.0586, 20.6329, 14.1208.



This preview shows how white text looks on a background with the XYZ color 13.0586, 20.6329,

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

13.0586, 20.6329, 14.1208

Protanopia

18.9266, 20.4401, 12.1803

Deuteranopia

20.6938, 20.3728, 14.8983



Tritanopia

16.3781, 20.7054, 30.3274

Trichromacy



Original Color

13.0586, 20.6329, 14.1208

Protanomaly

15.8303, 19.9912, 12.9219

Deuteranomaly

16.6059, 19.7649, 14.4951

Tritanomaly

14.8908, 20.5136, 23.2534

Monochromacy



Original Color

13.0586, 20.6329, 14.1208

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.4559, 16.7981, 15.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0586, 20.6329, 14.1208 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, 141, 95)` looks like.

```
.text, #text, p{  
    color:rgb(53, 141, 95)  
}
```

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, 141, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 141, 95) }
```

Border

The CSS property to change the border of an element to XYZ 13.0586, 20.6329, 14.1208 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, 141, 95) }
```


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

```
.border{ border-color:rgb(53, 141, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 141, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 141, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 141, 95);  
box-shadow:4px 4px 4px 4px rgb(53, 141,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0586, 20.6329, 14.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 141, 95) }
```

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

```
.background{ background-color: rgb(53, 141,  
95) }
```

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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