

Converting Colors

XYZ(20.3054, 17.1250, 28.7009)

Have a look what the booklet for
XYZ(20.3054, 17.1250, 28.7009)
contains.

XYZ(20.2008, 17.0325, 28.6085)	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(20.2008, 17.0325,
28.6085)**

Conversions

Conversions Part 1

Format	Color
Hex	896790
RGB	137, 103, 144
RGB Percent	54%, 40%, 56%
CMY	0.4627, 0.5961, 0.4353
CMYK	0.05, 0.28, 0.00, 0.44
HSL	290°, 17%, 48%
HSV	290°, 28%, 56%
XYZ	20.2008, 17.0325, 28.6085
YIQ	117.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

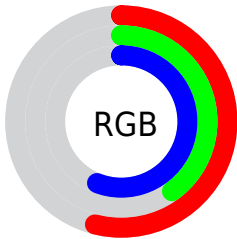
Format	Color
R_{YB}	137, 103, 144
Decimal	9004944
CIE _{Lab}	48.30, 21.23, -17.23
CIE _{LCh}	48, 27.343, 320.928
Yxy	17.0325, 0.3068, 0.2587
Android (android.graphics.Color)	4287195024 (0xFF896790)
YUV	117.8400, 12.8969, 16.8033
Hunter-Lab	41.2704, 15.1478, -12.2103

Details

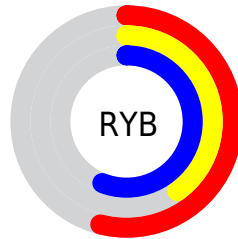
The XYZ color **20.2008, 17.0325, 28.6085** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.8525, 24.2413, 16.5182**, and the grayscale version is **17.1297, 18.0218, 19.6258**.

A 20% lighter version of the original color is **43.2345, 38.2648, 58.5332**, and **7.2243, 5.5190, 11.2742** is the 20% darker color. If you saturate the color by 10%, you get **18.4917, 14.2055, 28.1532**, and if you desaturate by 10%, it is **22.1668, 20.3590, 29.1472**.

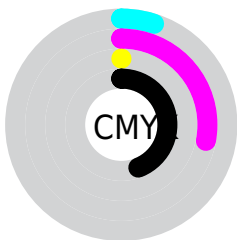
Distribution



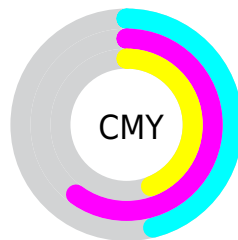
- Red (54%)
- Green (40%)
- Blue (56%)



- Red (54%)
- Yellow (40%)
- Blue (56%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2008, 17.0325, 28.6085 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 20.2008, 17.0325, 28.6085 by changing the saturation by 10% instead.

■ 20.2008, 17.0325,
28.6085

■ 20.2008, 17.0325,
28.6085

245.8130,
235.3596, 309.3662

■ 12.6502, 10.2577,
18.5418

■ 43.2550, 38.3816,
58.4892

■ 7.2635, 5.5701,
11.1662

■ 59.4892, 53.7247,
79.1404

■ 3.6752, 2.5855,
6.0632

■ 79.3488, 72.6927,
104.1568

■ 1.5201, 0.9194,
2.8141

■ 103.1990, 95.6700,
133.9569

■ 0.3394, 0.0000,
1.0005

131.4051,
123.0409, 168.9594

■ 0.0000, 0.0000,
0.0000

164.3326,

155.1899, 209.5827

202.3468,
192.5013, 256.2455

■ 20.2008, 17.0325,
28.6085

■ 20.2008, 17.0325,
28.6085

■ 18.4917, 14.2055,
28.1532

■ 22.1668, 20.3590,
29.1472

■ 17.0252, 11.8506,
27.7759

■ 24.4000, 24.2065,
29.7721

■ 15.7881, 9.9410,
27.4725

■ 26.9119, 28.5975,
30.4873

■ 14.7651, 8.4461,
27.2379

■ 29.7130, 33.5529,
31.2962

■ 13.9390, 7.3318,
27.0664

■ 32.8130, 39.0923,
32.2020

■ 13.2898, 6.5581,
26.9512

■ 36.2214, 45.2344,
33.2079

■ 12.7747, 6.0395,
26.8783

■ 39.9471, 51.9970,
34.3168

■ 12.6988, 5.9649,
26.8679

■ 43.9988, 59.3973,
35.5317

■ 48.3847, 67.4516,
36.8552

Harmonies

Analogous

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



17.9613, 17.0325, 34.5414



20.2008, 17.0325, 28.6085



21.3961, 17.0325, 20.7943

Triad

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



20.2008, 17.0325, 28.6085



16.9562, 17.0325, 8.0275



12.1134, 17.0325, 23.8914

Complementary

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



20.2008, 17.0325, 28.6085



18.8525, 24.2413, 16.5182

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.



11.9035, 17.0325, 16.4650



20.2008, 17.0325, 28.6085



14.5370, 17.0325, 8.4546

Square

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



20.2008, 17.0325, 28.6085



19.4005, 17.0325, 9.8020



12.7468, 17.0325, 11.1715



13.3528, 17.0325, 31.3686

Rectangle

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



20.2008, 17.0325, 28.6085



21.3637, 17.0325, 16.0639



12.7468, 17.0325, 11.1715



11.9255, 17.0325, 21.2704

Sweetspot

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



20.2013, 17.0332, 28.6089



42.7381, 42.1781, 52.4267



16.2602, 16.1617, 28.6484



9.6758, 9.4559, 11.9874



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.2013, 17.0332, 28.6089



33.7008, 26.8363, 49.9417



20.4503, 17.2697, 23.7347



5.5372, 5.4651, 6.7918



11.0753, 5.2031, 23.3977



0.1213, 0.0577, 0.2244

Inverse Universe

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



19.1670, 16.7564, 16.9769



31.6314, 26.3008, 25.8415



18.7188, 24.0911, 20.1821



5.4441, 5.4382, 5.8368



10.1712, 5.2255, 1.2871



0.1029, 0.0522, 0.0422

Previews

White Background



This preview shows how the XYZ color 20.2008, 17.0325, 28.6085 looks on a white background.

Color Contrast Check

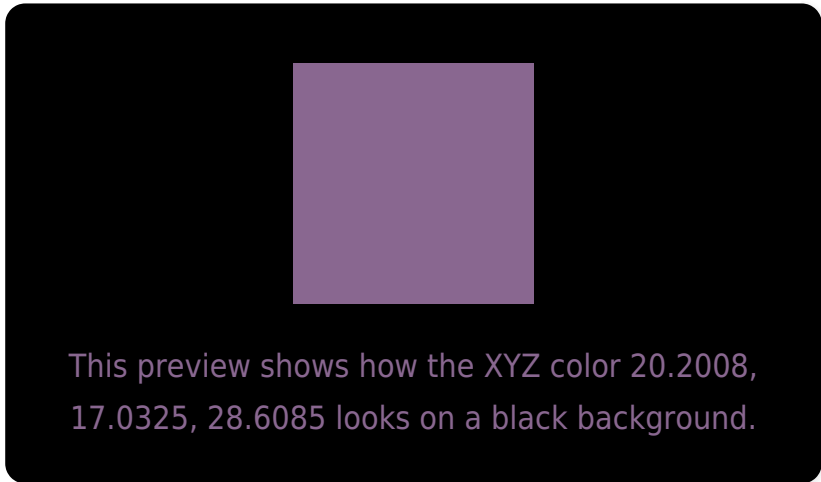
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 20.2008, 17.0325, 28.6085

Background



This preview shows how black text looks on a background with the XYZ color 20.2008, 17.0325, 28.6085.



This preview shows how white text looks on a background with the XYZ color 20.2008, 17.0325,

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

20.2008, 17.0325, 28.6085

Protanopia

17.3937, 17.2447, 32.1176

Deuteranopia

17.4697, 17.2080, 27.9919



Tritanopia

18.2463, 16.9960, 19.1485

Trichromacy



Original Color

20.2008, 17.0325, 28.6085

Protanomaly

18.2032, 17.0348, 30.7624

Deuteranomaly

18.3117, 16.9854, 28.3000

Tritanomaly

18.8163, 16.9087, 22.3507

Monochromacy



Original Color

20.2008, 17.0325, 28.6085

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1933, 17.7025, 22.5367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2008, 17.0325, 28.6085 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(137, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 103, 144)  
}
```

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(137, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 103, 144) }
```

Border

The CSS property to change the border of an element to XYZ 20.2008, 17.0325, 28.6085 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(137, 103, 144) }
```


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

```
.border{ border-color:rgb(137, 103, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 103, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 103,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2008, 17.0325, 28.6085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 103, 144) }
```

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

```
.background{ background-color: rgb(137,  
103, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor